Notes Ck'd by	Survey of Castaic Afterbay	F.B. 4315 PG. 5
Map No.	JN 9940.02 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 7-9-74	
Date	Indexed	

J.N. 9940.02

CASTAIC LAKE AFTERBAY

CONTROL LINES

West Side Lake.

Burkholder
Beasley
Wensel
Dragovich
Boreth

F.B. 4315 PG. 6

Index West Side

Control (West Side)	Pg - 7-11,
S.S.M.H. for Control (W. Side Lake)	Pg - 13-20
℄ Access Rd. @ Lake Hughes Rd. (Pump. Sta. # 1)	Pg 13-24 See F.B. 4316-107 for Cont.
SSMH. Profile	Pg 25-30
Rough Grades	Pg 31-42
Maintenance Yard	Pg 43-48 Finish Grades.
Location Administration Bldg & Fire Hyd.	Pg 49-51 Lot # 3 & # 4
Rough Grds. Adm. Bldg. & 3 Picnic Areas S.E. of Adm. Bldg	Pg 53-54 Grds for F.H. So. end Park Lot # 3, No. end Park Lot # 4 & Burd Switch So. end Park Lot # 4
Location 3 Picnic Areas S.E. of Adm. Bldg.	Pg 52,
Double Culverts @ Sta 57+53.85 & Sta 63+93.50 on Old Ridge Rte.	Pg 55-57 Location & Grade on Hdwalls.
Additional BM'S @ Administration Bldg & Park Lot # 3 Area	Pg 59-60
Location & Grade for Open S.D. along Old Ridge Rte. & No. Line M.W.D. P/L.	Pg 61-69, Pg 66 Location & Grade on [illegible] @ 60" C.M.P.
Rough Grades for Picnic Area # 4 & Comfort Sta. top Sht. 8 Picnic Areas 5, 6, 7 Sht 8	Pg 71-74 [illegible] 73
Bld. Cor. & Grades for Comfort Sta. # 6 N 364,331 E 815,000.00	79-80
Bld. Cor. & Grades for Comfort Sta. # 8 N 364,802.00 E 815,760.00	Pg. 81
Bld. Cor. o/s & Grade for Comfort Sta # 8 N 365,446 E. 815,665.00	Pg. 82
Bldg Cor. o/s & Grade for Comfort Sta # 6, Sht # 9	Pg 83 2x3 Pull Box
Location & Grade for Recompaction @ Future Concession # 2, Sht. # 7	Pg 84
Location & Rough Grade for Picnic Area N 366,355,000, E. 815,365.000 Sht. # 7	Pg 85
Loc. & Rough Grd. 3 Picnic Areas, Sht. # 5 (N 367,881.000 E 814,708.500) (N 367,818.000 E 815,009.500) (N 367,798.500 E 815,173.500)	Pg 86
Location & Rough Grd. for Picnic Area N 366,911,000, E 814,931.000 Sht # 6	Pg 87
Location & Rough Grd for Picnic Area N 367,191.00 E 814,778.00 Sht # 6	Pg 88
Location & Rough Grd. for Picnic Area N. 367,387.00, E 814,678.00 Sht # 6	Pg 89
Location & Rough Grd. for Picnic Area N 367,231.500, E 815,168.000 Sht # 6	Pg 90
Bldg. Cor. & o/s & Grd. for Comfort Sta # 6 Sht. # 6	Pg # 91
Location & Rough Grd. for Picnic Area N 368,076, E. 815,164 Sht. # 5	Pg # 92
Location & Rough Grd. 2 Picnic Areas N 368,171, E 815,002 Sht. # 5	Pg # 93
Bldg Cor. & o/s for Comfort Sta # 6 Sht # 5 N 368,225.186, E 815,108.328	Pg # 94
Location & Rough Grd. 3 Picnic Areas N 368,307, E 814,923.50 Sht 5	Pg # 95
Bldg Cor & o/s for Comfort Sta # 8 Sht # 6	Pg # 96
Location & Rough Grd. 2 Picnic Areas Sht # 5 (N 368,2[illegible] E 815,2[illegible]) (N 368,476.00 E 815,2[illegible])	Pg # 97

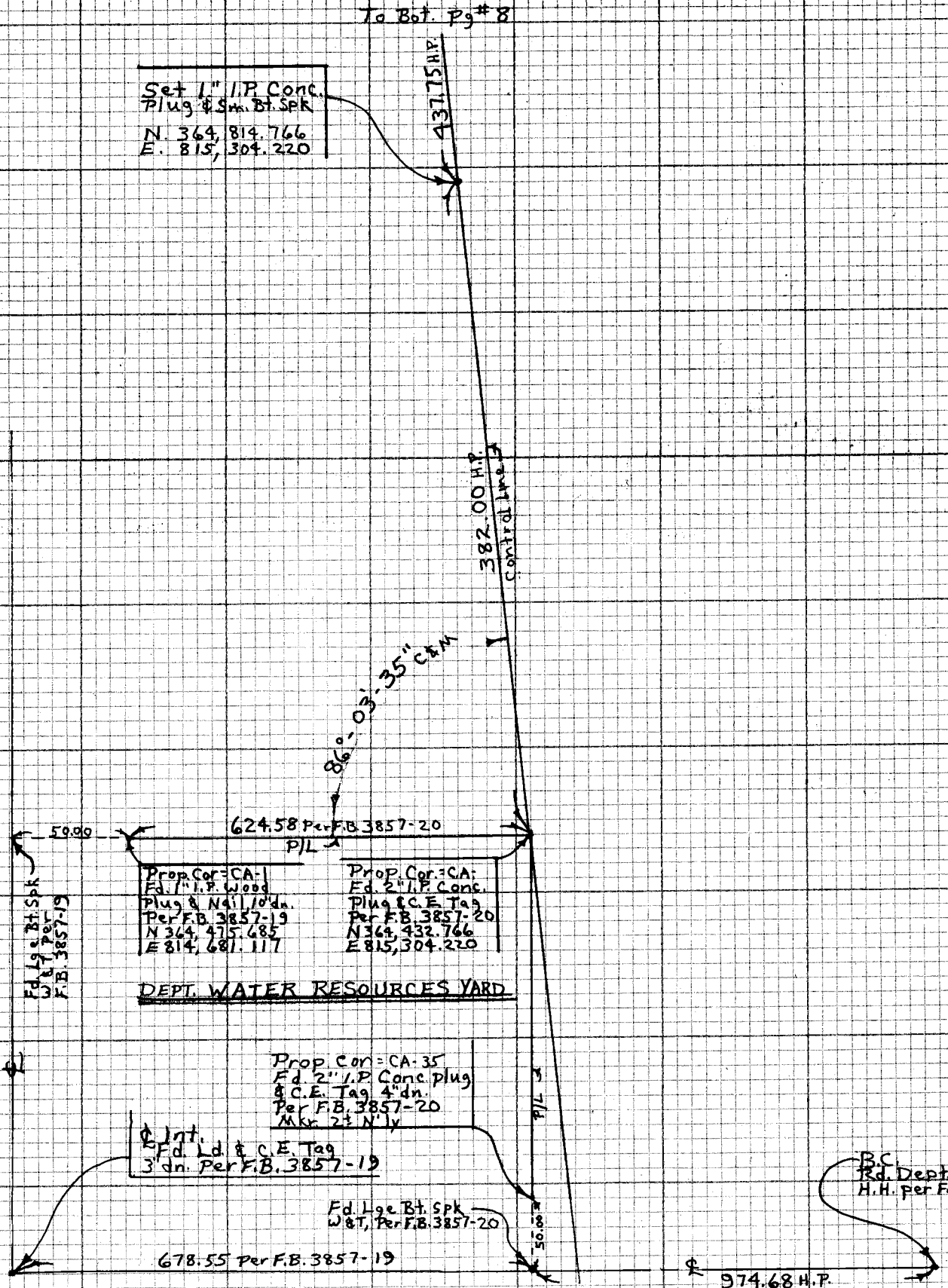
F.B. 4315 PG. 6B

Index Con't

✓ Finish Grades on Picnic Areas	Pg# 197-216
Rough Grades on Picnic Areas @ Lot# 1	Pg# 217-218
✓ Finish Grades " " " "	Pg# 219-220
Loc. & Grade for Drainage Ditch (Sht# 5) N.E. cor.	Pg# 221
✓ Sewer Laterals for Picnic Pads.	Pg# 223-238
Loc. & Grd. Pump Sta# 1, Park Lot# 13, Sht. # 5	Pg# 239
Loc. & Grd. for Cross-Gutter West end Lot# 8 Sht# 16	Pg# 240
Loc. & Grd. for Cross-Gutter West end Lot# 7 Sht# 16	Pg# 241
Loc. & Grd. for Bridge (200' E. of Lot# 13	Pg# 242
Loc. & Grd. for Bridge (E. of Lot# 11	Pg# 243
Loc. & Grd. for Bridge (E. of Lot# 11	Pg# 244
Rough Grd. (East of Park Lot# 1) Near dock	Pg# 251
Loc. & Grd Playgrounds.	Pg# 245-250
5' Bench East of Park Lot# 1	Pg# 251
Replace c b @ Park Lot# 9 & Park Rd.	Pg# 252
Loc. & Grd for Light Std.	Pg# 253-258
Loc. & Grd. of floating dock hinge pt.	Pg 259
Grd Check on S.S.M.H. 32+73.09 & 40+75.97	Pg# 261
Main Park Sign (Old Ridge Rte & Lake Hughes Rd.)	Pg# 260
Grades to dress slope E. & So. of Adm. Bldg.	Pg# 263
Grds @ Comfort Sta# 6 Sht# 9, See pg 83 for Comfort Sta.	Pg# 262 Header Grds
Locate & New Grd C.S.# 3 & Concession# 4 Lot# 1	265
Locate & Grd Concession# 2 Lot# 11	267
Locate & Grd Concession# 2 Lot# 5	268
Sewer Grds West Side Lake	269-296

Notes Ckd by	Survey of Castaic After Bay
Map No.	JN 9540.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-9-74
Date	Indexed

F.B. 4315 PG. 7



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

To Bot. pg# 9

F.B. 4315 PG. 8

659.53 H.P.

Set 1x2 & Nail
(Top Cliff)
N. 365,538.893
E. 815,304.220

273.37
Control Line

CA:
Set 2" I.P. Conc. plug
& Sm. Bt. Spk.
N. 365,265.523
E. 815,304.220

13.00

Set 1x2 & Nail
N 365,252.516
E 815,304.220

437.75 H.P.

To Top pg# 7

CE 310
76F3095 #-3

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-9-74
Date	Indexed

F.B. 4315 PG. 9

To Bot. pg# 10

1465.88 H.P.

CA-42
Set 1" I.P Conc.
Plug & Sm. Rt. Spk.
@Park. Lot
N. 366,198.423
E. 815,304.220

659.53 H.P.
Control Line

To Top pg# 8

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

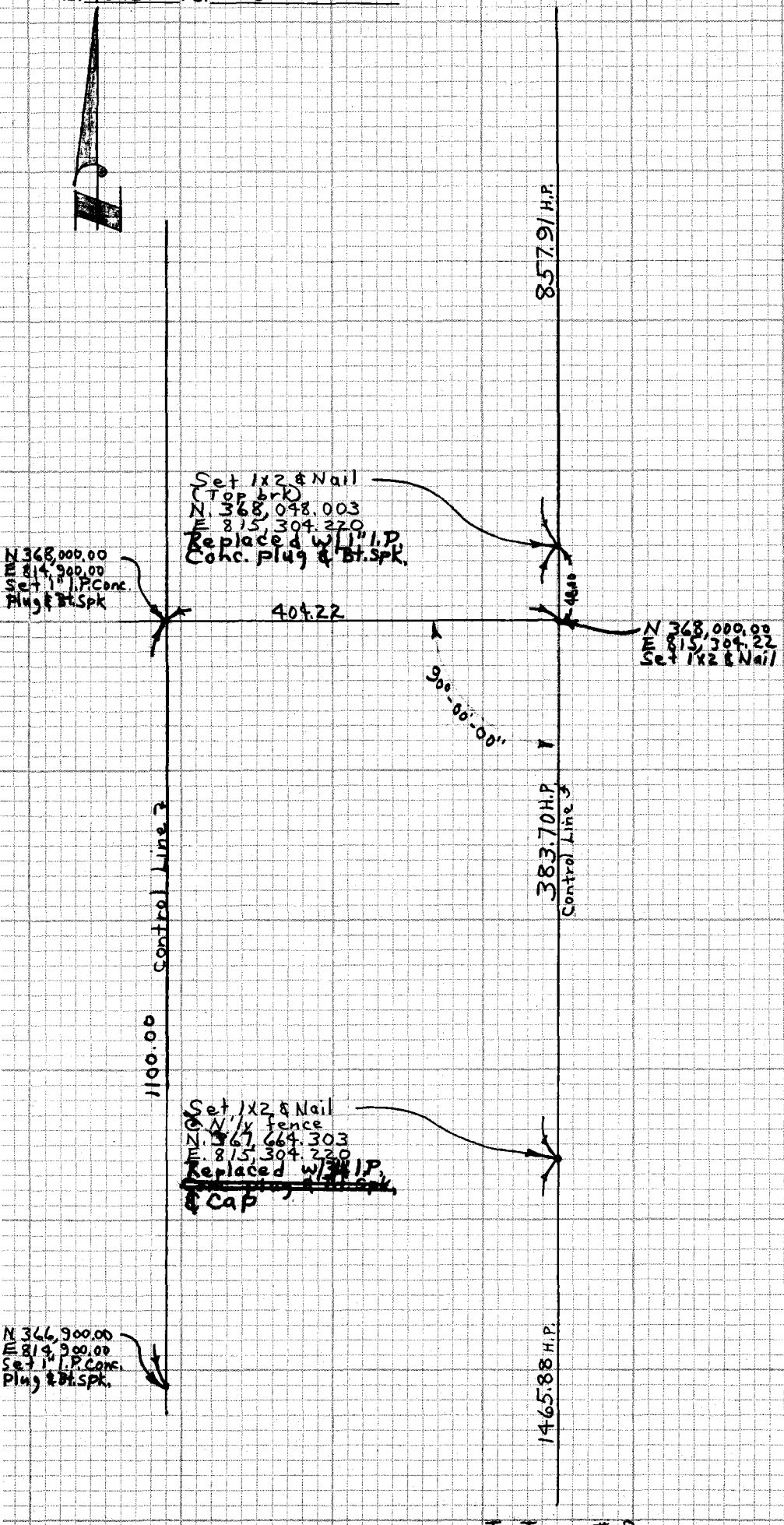
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 10

To Bot. Pg# 11



To Top Pg# 9

CE 310
76F3095-#73

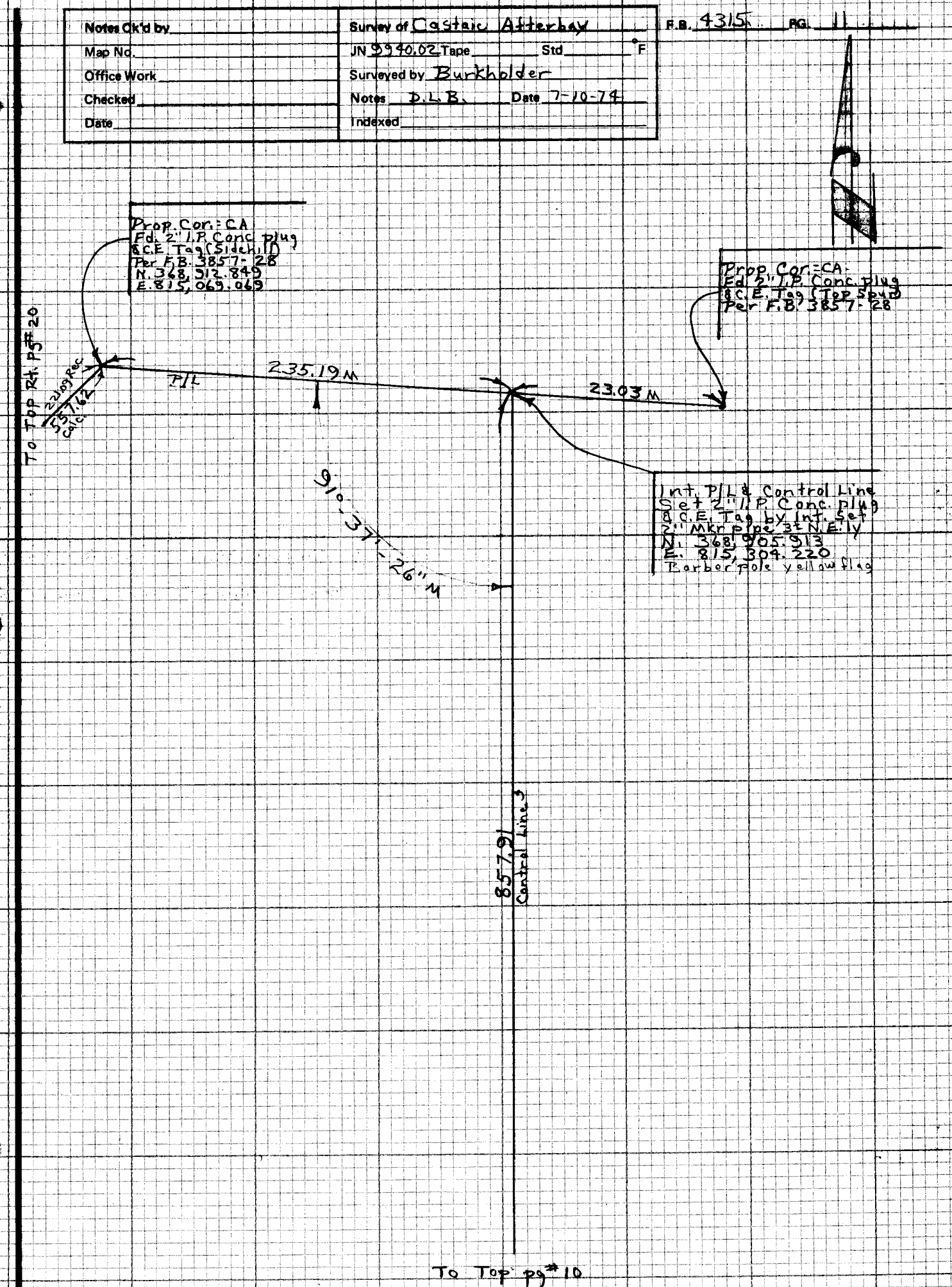
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Atterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-10-74
Date	Indexed

F.B. 4315 PG. 11



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of the line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 12

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exte[illegible] notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay — F.B. 4315 PG. 13
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-10-74
Date	Indexed

J.N. 9940.02

CASTAIC LAKE AFTERBAY

West Side of Lake

Location of SS.MH's to be
Used as Control after Construction
from: Pump Sta #1 @ Lake Hughes Rd sht 9
to: N.E.'ly Bndy Line (N 47°-16'-15" E - 14,000' plan sht #5

Burkholder
Beasley
Wensel
Dragovich

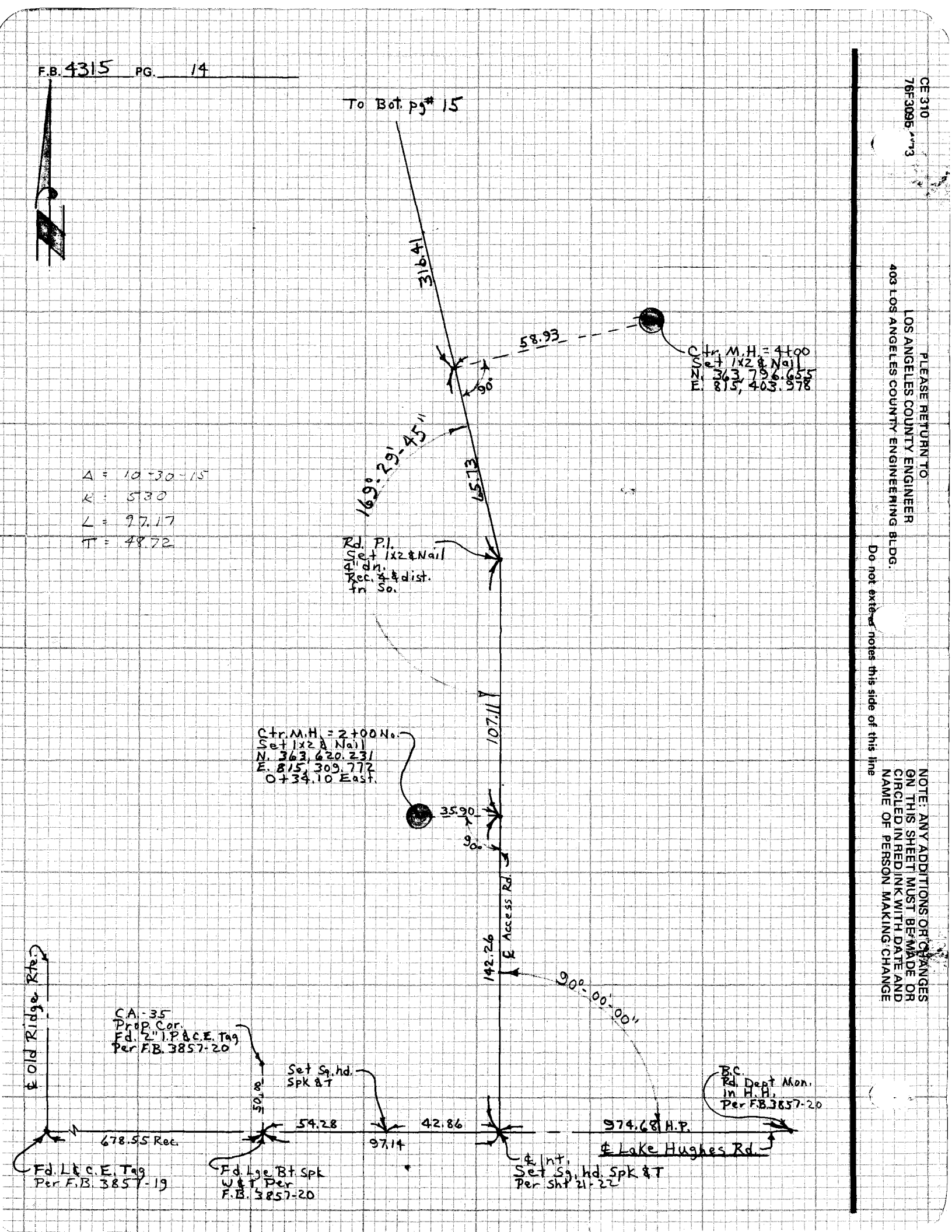
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes outside of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 14



Δ = 10-30-15
R = 530
L = 97.17
T = 48.72

CE 310
76F3096 '73

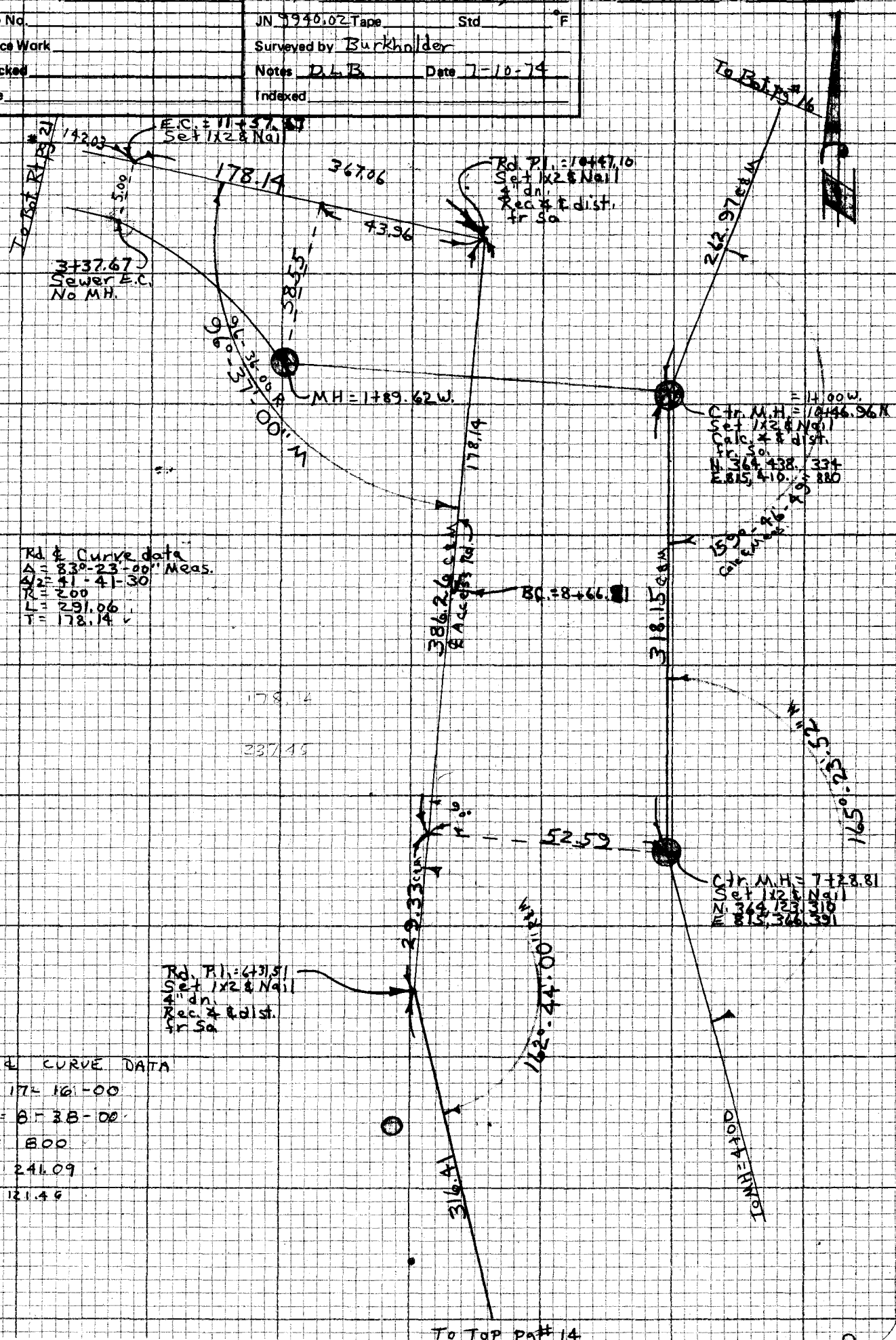
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 3940.02 Tape Std °F
Office Work	Surveyed by Burkhalter
Checked	Notes D.L.B. Date 7-10-74
Date	Indexed

F.B. 4315 PG. 15



RD & CURVE DATA
Δ = 17-16-00
½Δ = 8-38-00
R = 800
L = 241.09
T = 121.46

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

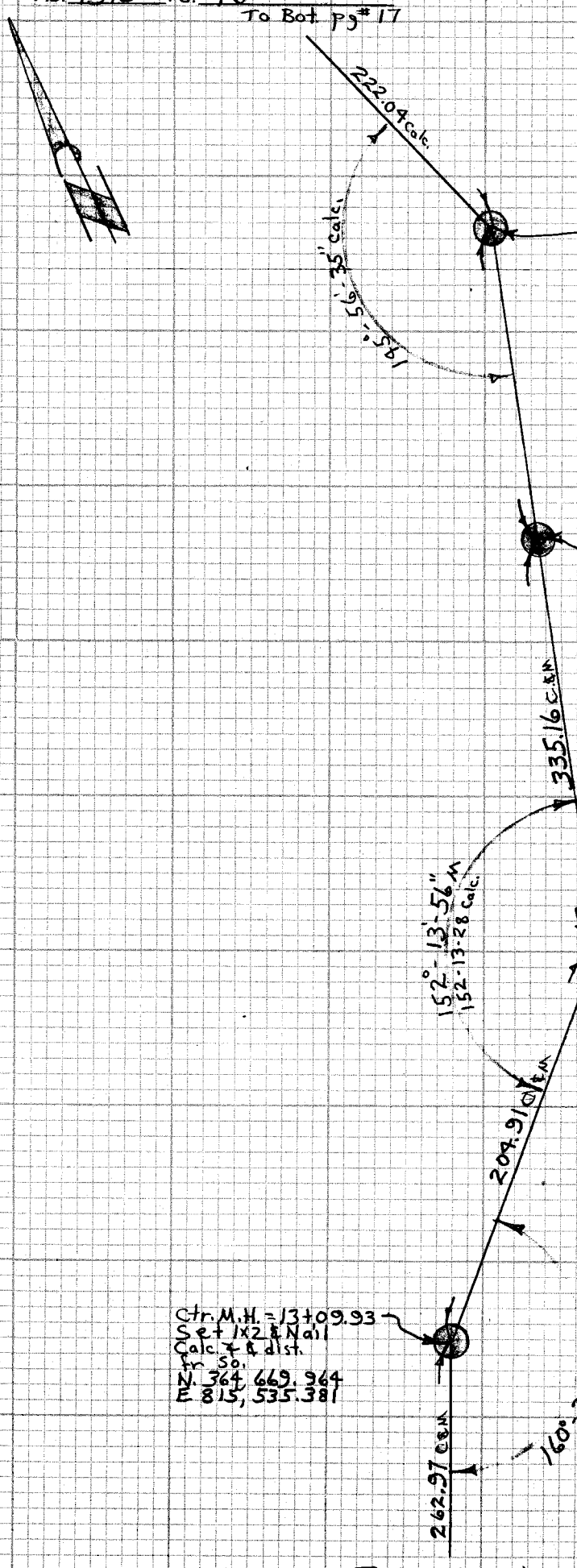
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 16

To Bot. pg# 17



To Top Rt. pg# 15

CE 310
76F3095-4/73

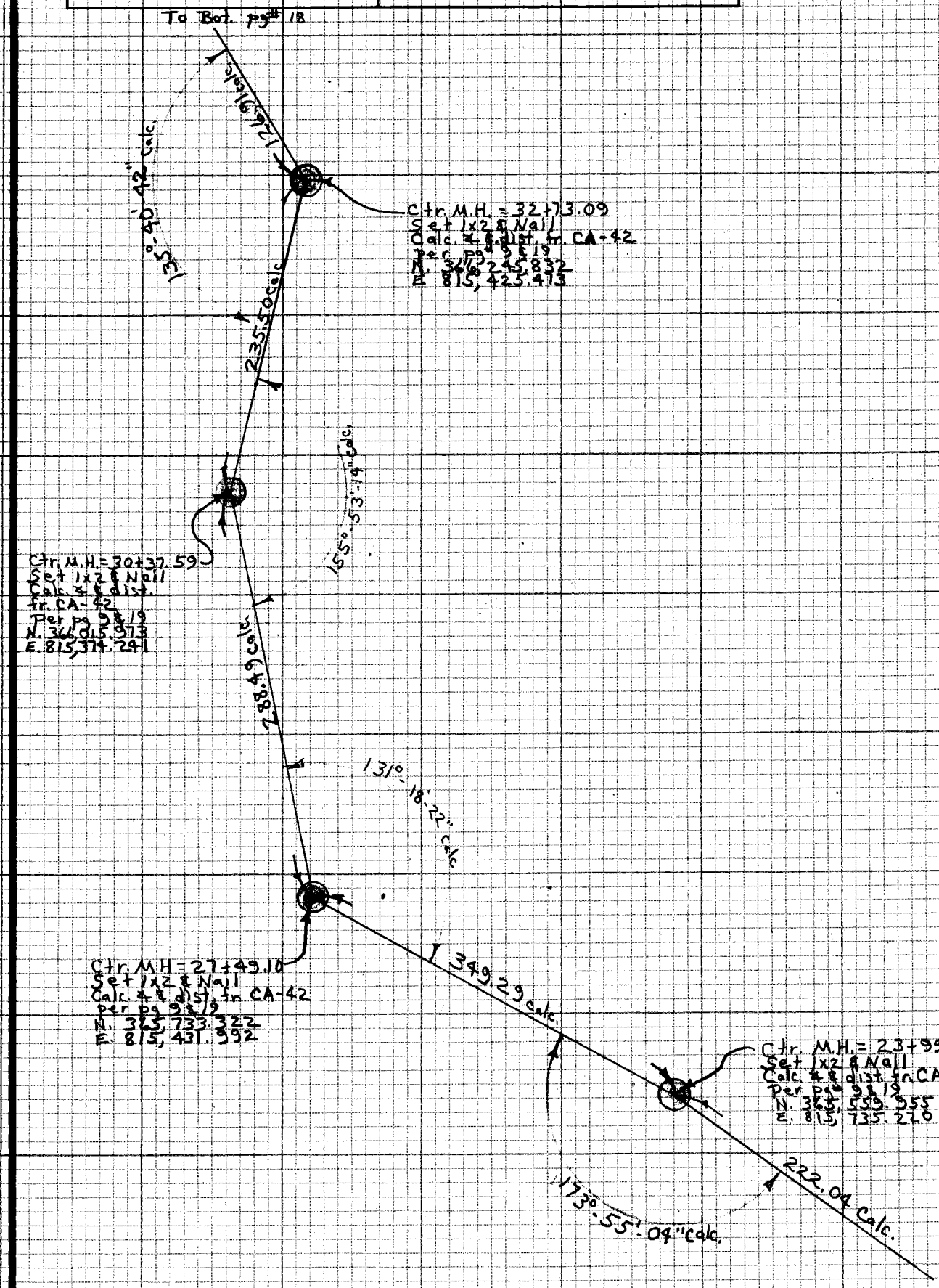
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-10-74
Date	Indexed

F.B. 4315 PG. 17



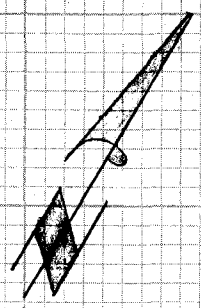
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

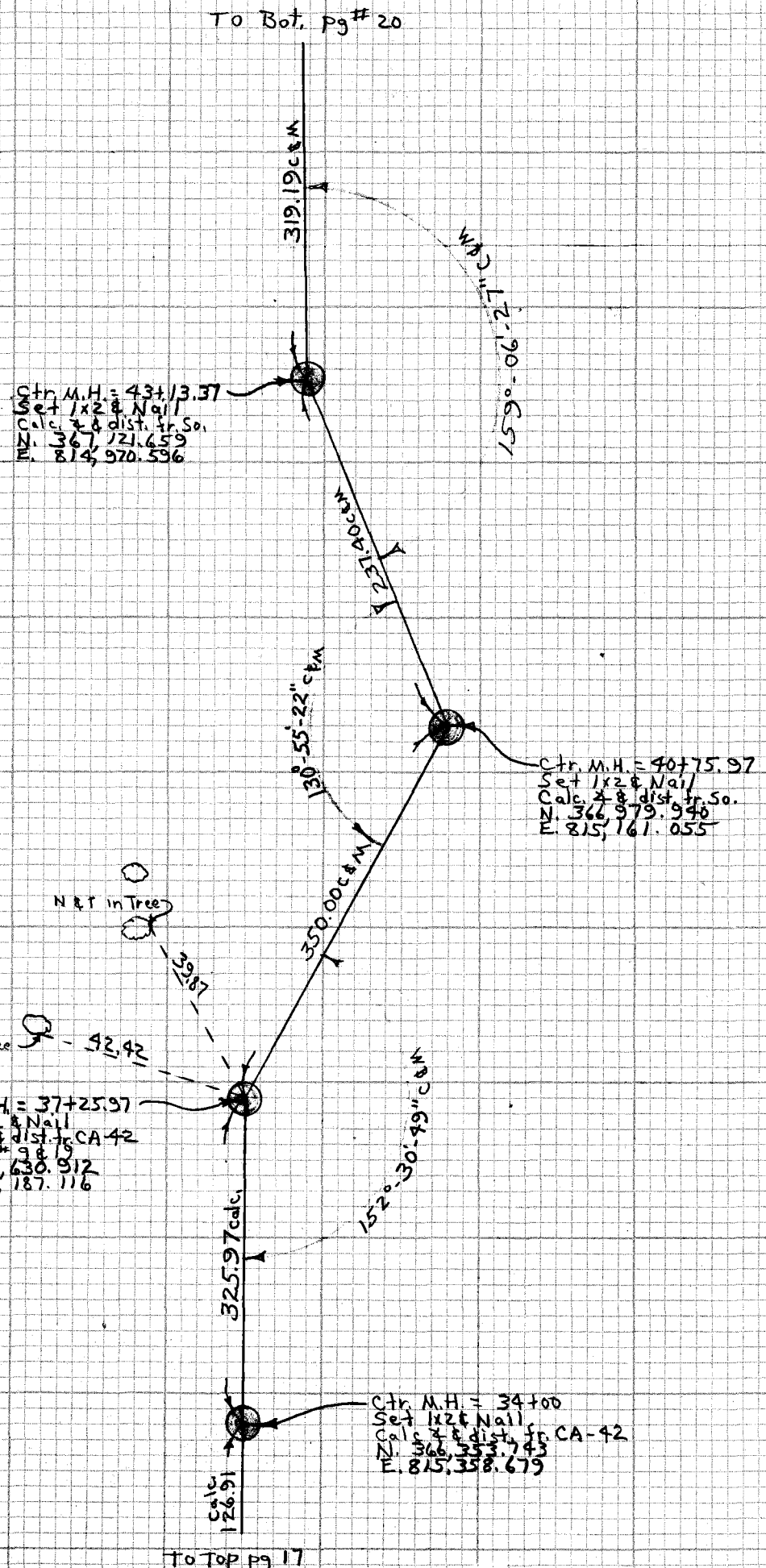
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 18





CE 310
76F3095 #3

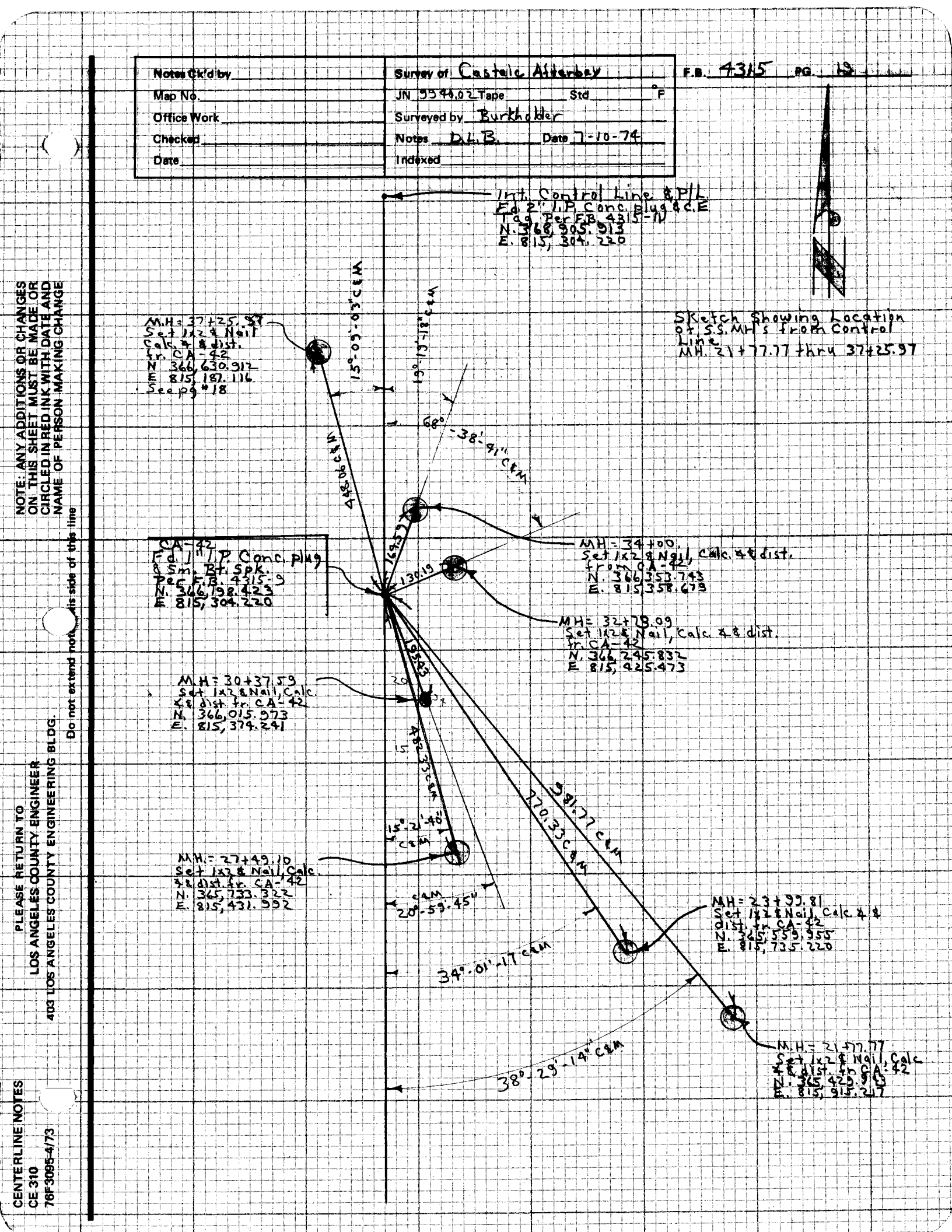
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9540.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-10-74
Date	Indexed

F.B. 4315 PG. 19



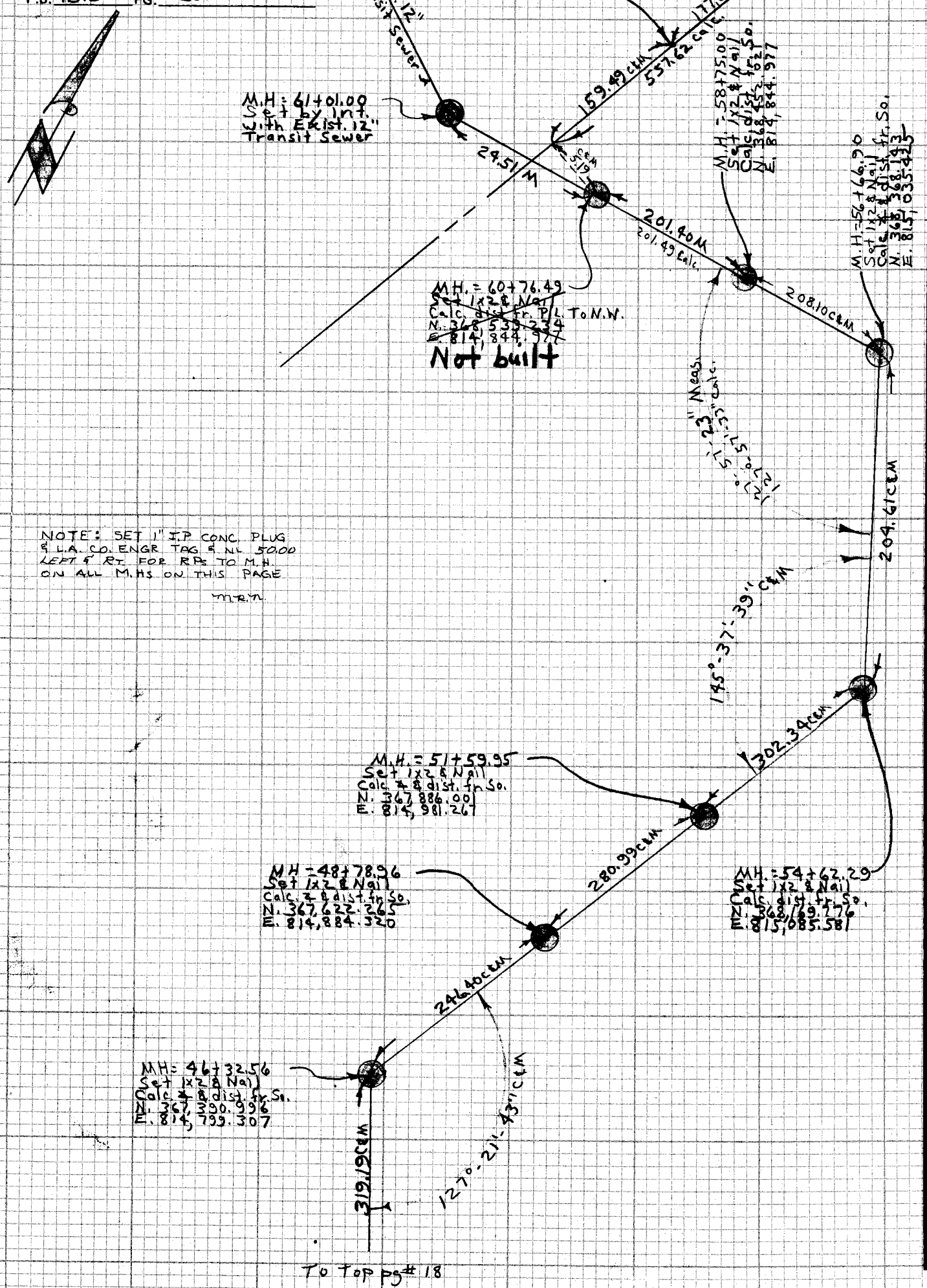
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 20



CE 310
76F3095-4/73

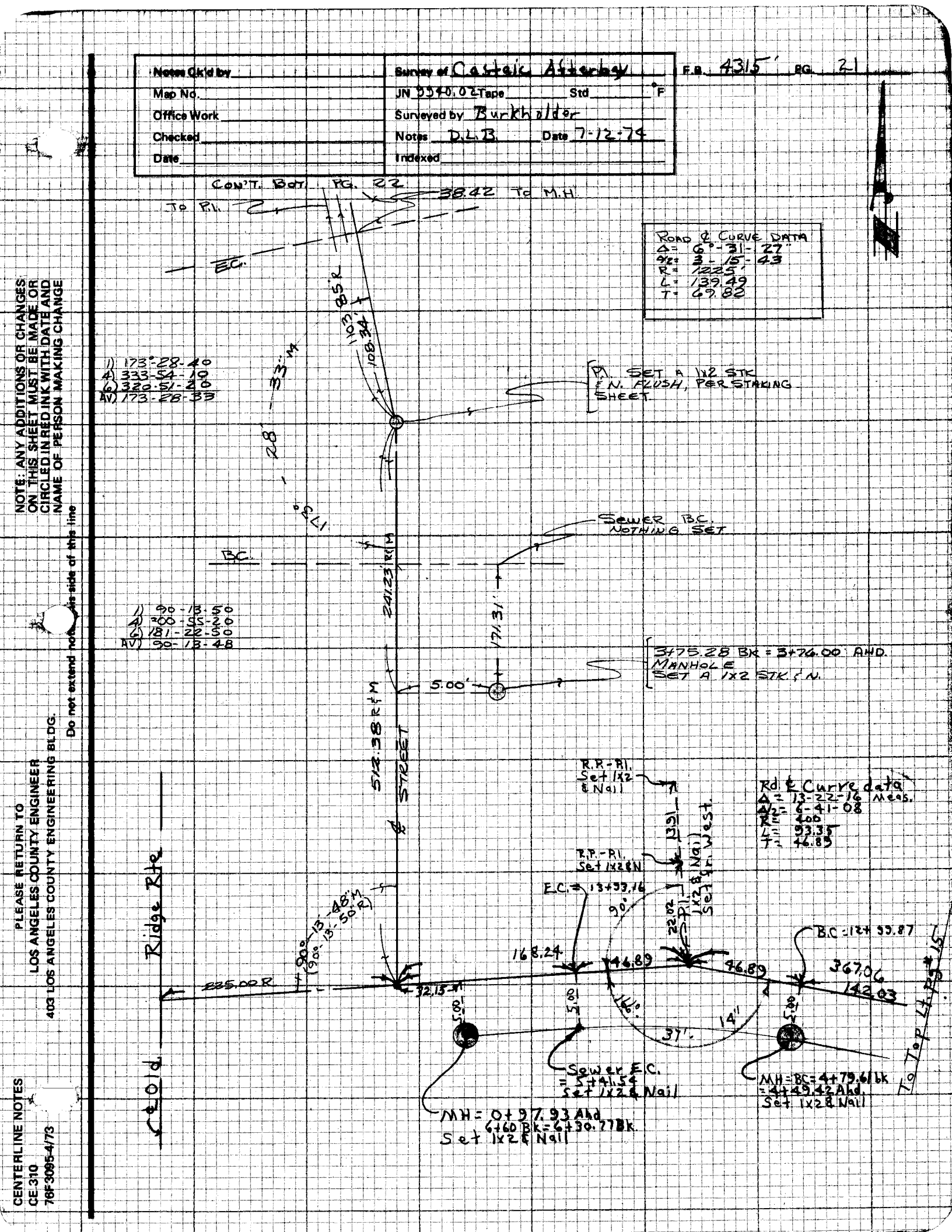
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exist, notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9540.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-12-74
Date	Indexed

F.B. 4315' PG. 21



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

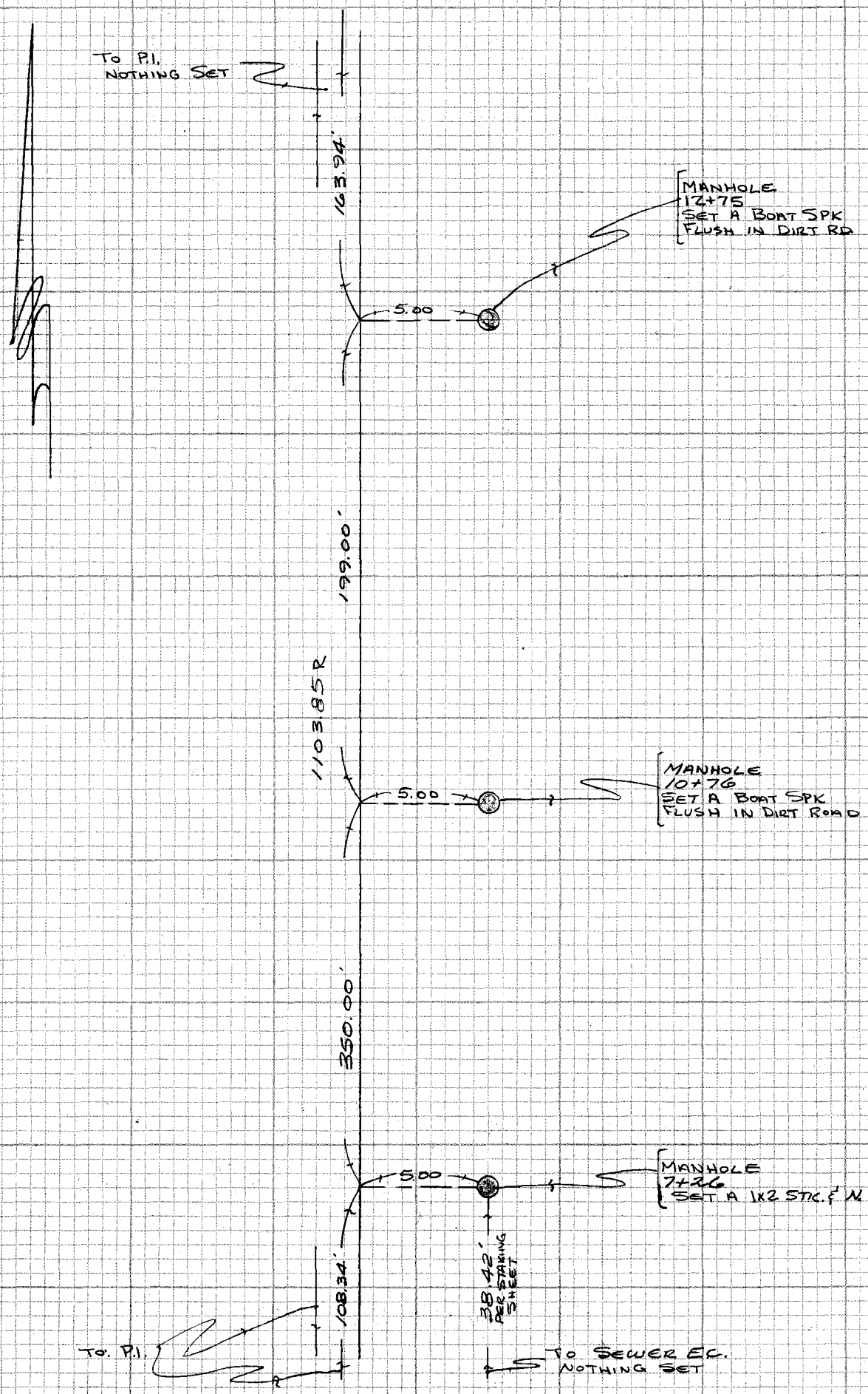
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
78F3095-4/73

F.B. 4315 PG. 22

CONT. BOT PG. 23



CONT. TOP P.G. 21

CE 310
76F3095-4 3

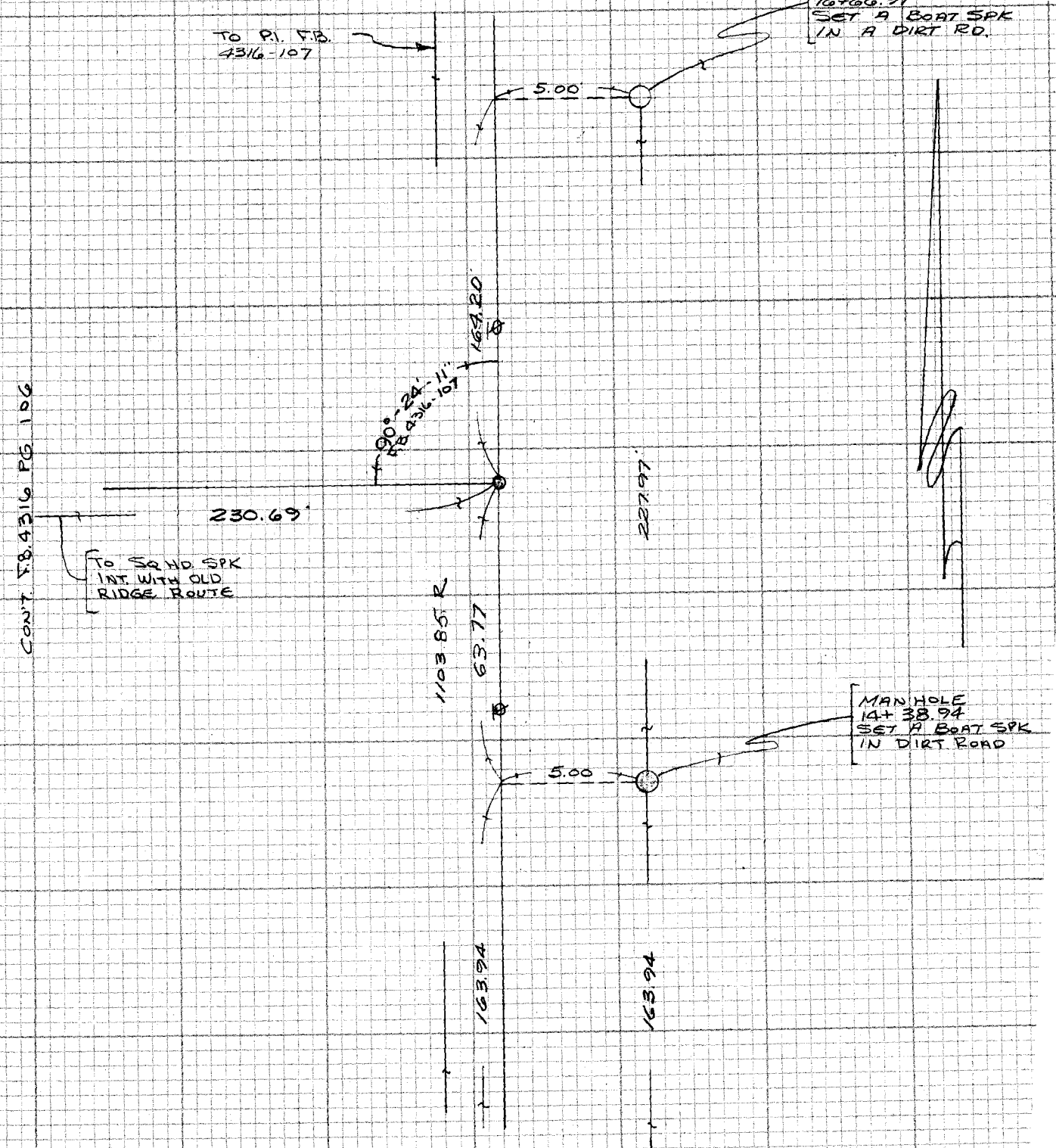
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not enter notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE AFTERBAY F.B. 4315 PG. 23
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date 16-JUL-74
Date	Indexed

SEE F.B. 4316-107 FOR CONTINUATION



CON'T. TOP PG. 22

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 24

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 25

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-11-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Profile on Sewer Line
from Pump Sta. #1 MH @ 2+00
to: N'ly Property Line MH @ 60+76.49

Burkholder
Beasley
Wensel
Briasovich

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 26

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-11-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Lenker Rod	
BM CA-35				1149.67	BM CA-35, Adj. El = 1149.669, F.B. 3857-85, Prop. Cor. Angle Pt. Lake Hughes Rd. S.E'ly P/L of Dept. of Water Resources Hdqtrs. Bldg. 50' N'ly of ℄ of Lake Hughes Rd. A 2" I.P. w/conc. plug & C.E. Tag	
					Fin. Grade Top M.H.	Cut or fill Top M.H.
2+00 M.H.				1148.77	1148.8	Gr
4+00 MH				1146.66	1147.0	F-0.3
7+28.81 MH				1142.99	1143.1	F-0.1
10+46.96 M.H.				1142.84	1144.0	F-1.2
13+09.93 M.H.				1143.70	1147.0	F-3.3
15+14.84 M.H.				1150.53	1147.5	C-3.0
T.P.				1158.82		
BM CA#39				1166.34	BM CA-39, Elev 1166.402	
T.P.				1157.98		
T.P.				1149.27		
18+50 M.H.				1143.92	1143.0	C-0.9
21+77.77 M.H.				1149.79	1150.3	F-0.5
T.P.				1157.02		
BM. CA-40				1159.94	BM #CA-40 Elev. 1159.978	
T.P.				1152.26		
23+99.81 M.H.				1149.95	1152.0	F-2.0
27+49.10 M.H.				1154.30	1153.8	C-0.5
B.M.				1158.25	BM #CA-41 Elev. 1158.287	
30+37.59 M.H.				1150.78	1149.0	C-1.8
T.P.				1156.05		
32+73.09 M.H.				1158.02	1154.2	C-3.8
34+00.00				1162.84	1160.7	C-2.1
37+25.97 M.H.				1169.53	1169.0	C-0.5
T.B.M.				1172.32	T.B.M. Elev 1172.305 In cottonwood tree	

Continued Next pg

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 27

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-12-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		
T BM				1172.305	T.B.M. Elev 1172.305 Boat spk in 36" Cottonwood	
					Tree up 2'	
					Fin. Grade Top M.H.	Cut or Fill Top M.H.
t.P.				1167 49		
40+75.97 M.H.				1164 14	1161.3	C-2 8
TP				1171 55		
43+13.37 M.H.				1179 52	1180.6	F-1 1
46+32.56 M.H.				1175 29	1179.1	F-3 8
48+78.96 MH				1174 78	1174.4	C-0 4
51+59.95 MH				1180 35	1179.4	C-1 0
54+62.29 MH				1178 90	1178.7	C-0 2
56+66.90 MH				1183 77	1183.7	C-0 1
58+75.00 MH				1187 96	1187.8	C-0 2
60+76.49 MH				1190 85	1191.2	F-0 3
B.M. CA #9				1192 67	B.M. CA-9 Elev 1192.63, F.B. 3857-61	

Fin M.H. Grades taken from Sewer Profile Shts. 22-25 of Plan

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 28

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY

F.B. 4315 PG. 29

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 15-JUL-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

MANHOLE PROFILE

1+00 WEST TO 6+60 WEST

℄

0+97.93 NORTH TO 16+66.91 NORTH

℄ Administration Building

CASTAIC LAKE AFTERBAY

J.N. 9940.02

RANDALL
JONES
MANLEY

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 30

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.

SURVEY BY RANDALL DATE

NOTES BY " DATE 15-JUL-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD	Nº 25	
BM CA 38				1159.05	BM CA 38 ELEV = 1159.050	F.B. 4316-7	
		Finish M.H. Grades taken fr. Sewer Profile Plan Shts 26 & 27					
					Fin. Grade Top M.H.	Cut or Fill Top M.H.	
1+00 WEST 10+46.96 M.H. No.				1142.85	1144.0	F-1 2/	1x2 & N
1+89.62 W. M.H.				1150.38	1151.17	F-0 8/	
4+79.61 BK 4+49.42 AHD M.H				1176.25	1161.44	C-14 9/	
0+97.93 AHD 6+60 = 6+30.77 BK M.H.				1167.07	1168.41	F-1 3/	
3+75.28 BK 3+76.00 AHD M.H				1177.70	1177.71	Gr.	1x2 & N
7+26.00 M.H.				1195.63	1194.60	C-1 0/	
10+76.00 M.H T.P.				1206.09	1215.07	F-9 0/	BOAT SPK
12+75.00 M.H				1214.64	1216.80	F-2 2/	BOAT SPK
14+38.94 M.H.				1217.56	1219.85	F-2 3/	BOAT SPK
16+66.91 M.H. END SEWER				1222.03	1224.48	F-2 5/	BOAT SPK
BM CA 4				1212.28		ELEV. = 1212.317	

1142.84

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY F.B. 4315 PG. 31

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 18-JUL-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

CASTAIC LAKE AFTERBAY

ROUGH GRADES

COORDINATES: N 364,432.8
TO
N 364765.8

E 814,704.2
TO
815,804.2

18-JUL-74

J.N. 9940.02

RANDALL
JONES
MANLEY
KIESNER

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 37 A

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.

SURVEY BY RANDALL DATE

NOTES BY " DATE JUL-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/F		
T.B.M.				1165.51			CA 1	T.B.M. 1" I.P. N/W PROP. COR STATE RESOURCES SEE F.B. 4315-12
N 364 465.52 E 814 904.22				1164.2	1166.4	F2.2		1x1" STK.S
N 364 465.52 E 815 004.22				1162.06	1163.4	F1.3		" "
N 364 465.52 E 815 104.22				1161.3				" "
N 364 465.52 E 815 204.22				1160.6				" "
P				1159.05				
364 465.52 E 815 304.22				1155.4	1154.2	C1.2		" "
P				1152.31				
364 465.52 815 404.22				1145.5	1145.5	GRD		" "
P				1143.53				" "
364 465.52 815 504.22				1136.8	1136.0	C0.8		60 PENNY SPK 15' TO WATER
P				1138.02				
364 565.55 815 867.8				1146.3	—			1"x1" STK'S
364 565.5 815 804.2				1143.2	—			" "
364 565.5 815 704.2				1137.2	1136.3	C0.9		" "
364 565.5 815 604.2				1138.02	1136.0	C2.0		" "
364 565.5 815 504.2				1141.6	1145.8	F4.2		60 PENNY SPK.
P				1146.34	—			1"x1" STK'S
364 565.5 815 404.2				1153.68	1152.0	C1.7		" "
364 565.5 815 304.2				1156.4	1156.8	F0.4		" "
364 565.5 815 204.2				1158.48	1158.0	C0.5		" "
4565.5 5104.2	P			1165.21	1161.4	C3.8		1x1 STK
4565.5 5004.2				1166.9	1164.8	C2.1		" "
4565.5 4904.2	P			1165.65	1165.6	GRD		" "
4565.5 4804.2				1165.5	1168.7	F3.2		" "
4565.5 4704.2				1167.2	—			" "
4565.5 4655.7				1169.1				ROAD ASPHALT PAVED
4665.5 46				1172.4				ROAD " "
4665.5 4704.2				1169.7	1170.0	F0.3		1x1 STK.
4665.5 4804.2				1169.3	1170.0	F0.7		
4665.5 4904.2				1168.3	1170.0	F1.7		
P				1171.90	—			
4665.5 5004.2	P			1178.84	1175.0	C3.8		SIDE HILL 1x1 STK
4665.5 5104.2				1187.0	1172.0	C15.0		" " " "
P				1178.88	—			
P				1172.06	—			
4665.5 5204.2				1170.7	1169.0	C1.7		" " " "
P				1165.86				

CONTINUED

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY

F.B. 4315 PG. B

33

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 18-JUL-74

DATE _____ INDEXED _____ DATE _____

1204.05

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/F		
P				1165 86	CONTINUED			
N 4665.5 E 5304.2				1156 14	1159.0	F28		1x1 STK. CONTROL LINE
N 4665.5 E 5404.2				1154 2	1154.0	C03		" "
P				1149 77	—	—		
N 4665.5 E 5504.2				1147 8	1150.0	F22		
N 4665.5 E 5604.2				1144 2	—	—		
N 4665.5 E 5704.2	P			1142 20	—	—		
N 4665.5 E 5804.2				1144 7	—	—		94' E TO WATER
					—	—		
N 4765.5 E 5804.2				1140 3	1145.0	F47		55' E TO WATER
N 4765.5 E 5704.2	P			1146 18	1147.4	F13		1x1 STK.
N 4765.5 E 5604.2				1151 7	1151.7	GR0		1x1 STK
P				1155 31	—	—		" "
N 4765.5 E 5504.2				1160 31	1155.0	C53		" "
P				1164 57	—	—		
P				1173 23	—	—		
N 4765.5 E 5404.2	P			1178 61	1180.0	F14		1x1 STK
P				1187 68	—	—		
N 4765.5 E 5304.2	P			1195 34	1190.0	C53		1x1 STK CONTROL LINE
P				1203 45	—	—		
N 4765.5 E 5204.2	P			1201 78	1188.5	C13		1x1 STK
P				1196 79	—	—		
N 4765.5 E 5104.2				1194 6	1186.3	C83		1x1 STK
P				1189 91	—	—		
N 4765.5 E 5004.2				1187 2	1186.0	C13		1x1 STK ON LEVEL PAD
P				1181 69	—	—		
P				1174 42	—	—		
N 4765.5 E 4904.2				1171 7	1173.5	F18		1x1 STK
N 4765.5 E 4804.2				1173 0	1174.4	F14		" "
N 4765.5 E 4704.2				1173 6	1174.0	F04		" "
N 4765.5 E 4663.1				1175 8	—	—		ASPHALT PAVED ST.
P				1171 91	—	—		
CA 1				1165 48	—	—		BM CA1 ADJ. ELEV. = 1165.51
								PROP. COR. N.W. COR. DWR. PROP.
								A 1" I.P. W/ WOOD PLUG & NAIL
								F.B. 4316-12 F.B. 3857-19

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 34 C

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.

SURVEY BY RANDALL DATE

NOTES BY " DATE 18-JUL-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		

BLANK

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 35

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY Burkholder DATE 7-17-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	cut or Fill
BMCA-1				1165.51	BM CA4, El = 1165.510 F.B. 4316-12	
N 4,865.52 E 4,704.22				1177.26	~	~
N 4,865.52 E 4,804.22				1176.10	1178.0	F 1.9
N 4,865.52 E 4,904.22				1176.76	1177.5	F 0.7
N 4,865.52 E 5,004.22				1185.45	1185.5	Gr.
N 4,865.52 E 5,104.22				1194.82	1195.0	F 0.2
N 4,865.52 E 5,204.22				1200.88	1200.0	C 0.9
N 4,865.52 E 5,304.22				1204.67	1206.0	F 1.3
N 4,865.52 E 5,404.22				1208.68	1206.2	C 2.5
N 4,865.52 E 5,504.22				1165.53	1170.0	F 4.5
N 4,865.52 E 5,604.22				1161.12	1165.0	F 3.9
N 4,865.52 E 5,704.22				1145.04	1148.8	F 3.8
N 4,865.52 E 5,804.22					~	~
N 4,965.52 E 4,704.22				1180.82		
N 4,965.52 E 4,804.22				1181.52	1182.2	F 0.7
N 4,965.52 E 4,904.22				1180.49	1181.4	F 0.9
N 4,965.52 E 5,004.22				1187.43	1187.0	C 0.4
N 4,965.52 E 5,104.22				1196.05	1198.0	F 2.0
N 4,965.52 E 5,204.22				1201.31	1202.8	F 1.5

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 36

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY DLB. DATE 7-17-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut Fill	or
N 4,965.52 E 5,304.22				1207.84	1205.2	C. 2.6	
N 4,965.52 E 5,404.22				1211.96	1205.8	C. 6.2	
N 4,965.52 E 5,504.22				1180.09	1178.3	C. 1.8	
N 4,965.52 E 5,604.22				1171.31	1170.0	C. 1.3	
N 4,965.52 E 5,704.22				1152.36	1150.0	C. 2.4	
N 5,065.52 E 4,704.22					—	—	
N 5,065.52 E 4,804.22				1186.15	1186.1	Gr.	
N 5,065.52 E 4,904.22				1185.57	1186.3	F 0.7	
N 5,065.52 E 5,004.22				1197.82	1195.8	C. 2.0	
N 5,065.52 E 5,104.22				1201.35	1201.7	F 0.3	
N 5,065.52 E 5,204.22				1209.58	1209.6	Gr.	
N 5,065.52 E 5,304.22				1215.83	1214.0	C. 1.8	
N 5,065.52 E 5,404.22				1222.81	1220.0	C 2.8	x
N 5,065.52 E 5,504.22				1193.49	1195.3	F 2.4	
N 5,065.52 E 5,604.22				1182.18	1179.2	C. 3.0	
N 5,065.52 E 5,704.22				1160.98	1163.0	F 2.0	
N 5,165.52 E 4,704.22					—	—	
N 5,165.52 E 4,804.22				1189.86	1189.4	C. 0.5	
N 5,165.52 E 4,904.22				1191.35	1190.0	C. 1.3	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 37

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-17-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut or Fill
N 5,165.52 E 5,004.22				119897	1201.0	F-2.0
N 5,165.52 E 5,104.22				121408	1210.6	C-3.5
N 5,165.52 E 5,204.22				122196	1223.8	F 1.8
N. 5,165.52 E 5,304.22				1226.56	1227.6	F 1.0
N 5,165.52 E 5,404.22					1226.0	
N 5,165.52 E 5,504.22				120245	1210.0	F 7.5
N. 5,165.52 E 5,604.22				119289	1190.5	C-2.4
N 5,165.52 E 5,704.22				117298	1171.2	C-1.8
N 5,165.52 E 5,804.22					1148.9	
				No Set		
N 5,265.52 E 4,704.22						
N. 5,265.52 E 4,804.22				119399	1195.1	F-1.1
N 5,265.52 E 4,904.22				119622	1195.2	C-1.0
N 5,265.52 E 5,004.22				120593	1207.2	F-1.3
N. 5,265.52 E 5,104.22				122087	1227.0	F 6.2
N 5,265.52 E 5,204.22				122539	1226.9	F 1.5
N 5,265.52 E 5,304.22				123068	1228.5	C-2.2
N 5,265.52 E 5,404.22				122015	1229.0	F-8.9
N 5,265.52 E 5,504.22				121661	1218.0	F 1.4
N 5,265.52 E 5,604.22				119111	1187.2	C-3.9

BM

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 38

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B DATE 7-17-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut or Fill
N 5,265.52 E 5,709.22				1173.30	1173.0	C-0.3
N 5,265.52 E 5,804.22				Not set	1174.3	
N 5,365.52 E 4,904.22					~	~
N 5,365.52 E 4,804.22				1197.04	1195.0	C-2.0
N 5,365.52 E 4,904.22				1200.70	1201.3	F 0.6
N 5,365.52 E 5,004.22				1217.86		Grd.
N 5,365.52 E 5,104.22				1226.29	1226.5	F 0.2
N 5,365.52 E 5,204.22				1229.48	1225.5	C-4.0
N 5,365.52 E 5,304.22				1233.15	1230.0	C 3.1
N 5,365.52 E 5,404.22				1220.13	1230.0	F-9.9
N 5,365.52 E 5,504.22				1218.51	1215.0	C-3.5
N 5,365.52 E 5,604.22				1180.68	1182.0	F 1.3
N 5,365.52 E 5,704.22				1175.09	1174.3	C-0.8
N 5,365.52 E 5,804.22				1161.42	1160.0	C-1.4
N 5,365.52 E 5,904.22				Not set	1155.0	
BM CA. 40 N 5,465.52 E 4,704.22				1159.95		Elev 1159.98
N 5,465.52 E 4,804.22				1201.79	1200.0	C-1.8
N 5,465.52 E 4,904.22				1205.08	1207.5	F-2.4
N 5,465.52 E 5,004.22				1226.2	1225.8	C-0.4

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 39

DATE _____ SURVEY BY Buckholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-18-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	1225.8 Grade	Cut or Fill
N 5,465.52 E 5,104.22				1231.7	1223.8	C-7.9
N 5,465.52 E 5,204.22				1233.4	1227.7	C-5.7
N 5,465.52 E 5,304.22				1232.8	1228.7	C-4.1
N 5,465.52 E 5,404.22				1217.90	1215.0	C-2.9
N 5,465.52 E 5,504.22				1200.34	1191.7	C-8.6
N 5,465.52 E 5,604.22				1172.90	1179.6	F 1.7
N 5,465.52 E 5,704.22				Not set	1160.0	
N 5,465.52 E 5,804.22				Not set	1154.1	
N 5,465.52 E 5,904.22				Not set	1150.0	
N 5,565.52 E 4,725.22				1206.3	1205.0	C-1.3
N 5,565.52 E 4,804.22				1209.4	1215.9	F-6.5
N. 5,565.52 E. 4,904.22				1209.97	1213.9	F-3.9
N 5,565.52 E 5,004.22				1230.8	1225.8	C-5.0
N. 5,565.52 E 5,104.22				1237.2	1226.5	C-10.7
N. 5,565.52 E 5,204.22				1234.56	1229.8	C-4.8
N 5,565.52 E 5,304.22				Not set	1226.0	
N. 5,565.52 E 5,404.22				1192.39	1188.2	C-4.2
N. 5,565.52 E 5,504.22				1172.02	1167.8	C-4.2
N. 5,565.52 E 5,604.22				Not set	1160.0	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 40

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-18-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut or Fill
N 5,565.52 E 5,704.22				N61 set	1155.0	
N 5,665.52 E 4,727.22				1211.0	1210.0	C-1.0
N 5,665.52 E 4,804.22				1214.3	1217.9	F-3.6
N 5,665.52 E 4,904.22				1215.0	1215.7	F-0.7
N 5,665.52 E 5,004.22				1234.13	1222.1	C-12.0
N 5,665.52 E 5,104.22				1235.9	1225.7	C-10.2
N. 5,665.52 E 5,204.22				1233.3	1230.3	C-3.0
N. 5,665.52 E 5,304.22				1207.82	1199.0	C-8.8
N 5,665.52 E 5,404.22				1168.38	1167.5	C-0.9
N 5,665.52 E 5,504.22				1159.85	1158.7	C-1.1
N 5,665.52 E 5,604.22						
N 5,765.52 E 4,730.22				1216.3	1215.0	C-1.3
N 5,765.52 E 4,804.22				1216.3	1219.2	F-2.9
N 5,765.52 E 4,904.22				1216.34	1219.1	F-2.8
N 5,765.52 E 5,004.22				1225.15	1223.3	C-1.8
N 5,765.52 E 5,104.22				1230.5	1230.7	F-0.2
N 5,765.52 E 5,204.22				1232.4	1229.7	C-2.7
N 5,765.52 E 5,304.22				1185.36	1179.6	C-6.8
N 5,765.52 E 5,404.22				1153.19	1151.7	C-1.5

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 41

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-19-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut or Fill
N 5,865.52 E 4,709.22				1216.0	1215.0	C-1.0
N 5,865.52 E 4,804.22				1218.3	1220.6	F-2.3
N 5,865.52 E 4,904.22				1217.4	1221.1	F-3.7
N 5,865.52 E 5,004.22				1223.4	1226.9	F-3.5
N 5,865.52 E 5,104.22				1228.5	1230.8	F-2.3
N 5,865.52 E 5,204.22					1215.0	
N 5,865.52 E 5,304.22				1165.76	1162.6	C-3.2
N 5,965.52 E 4,724.22				1220.1	1222.0	F-1.9
N 5,965.52 E 4,804.22				1220.6	1222.0	F-1.4
N 5,965.52 E 4,904.22				1219.8	1223.7	F-3.9
N 5,965.52 E 5,004.22				1225.14	1228.0	F-2.9
N 5,965.52 E 5,104.22				1227.56	1229.4	F-1.6
N 5,965.52 E 5,204.22				1195.64	1198.3	F-2.7
N 5,965.52 E 5,304.22				1163.10		Grd.
N 6,065.52 E 4,804.22						
N 6,065.52 E 4,904.22				1222.0	1227.8	F-5.8
N 6,065.52 E 5,004.22				1233.08	1228.5	C-4.6
N 6,065.52 E 5,104.22				1234.70	1225.0	C-9.7

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 42

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-19-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut Fill	or
N 6,065.52 E 4,204.22				1186.34	1185.0	C-1 3	
N 6,065.52 E 4,304.22				1166.60	1161.4	C-5 2	
N 6,065.52 E 4,404.22				1150.70	1149.6	C-1 1	
N 6,165.52 E 4,904.22				1227.3	1229.6	F-2 3	
N 6,165.52 E 5,004.22				1234.03	1229.6	C-4 4	
N 6,165.52 E 5,054.22				1234.08	1229.3	C-4 8	
N 6,165.52 E 5,304.22				1183.16	1173.3	F 0 4	
N 6,165.52 E 5,404.22				1159.31	1156.9	C-2 4	
N 6,265.52 E 4,877.22				1229.97	1230.8	F-0 8	
N 6,265.52 E 4,904.22				1234.63	1230.8	C-3 8	
N 6,265.52 E 4,979.22				1234.65	1230.8	C-3 9	
N 6,365.52 E 4,857.22				1229.88	1231.7	F-1 9	
N 6,365.52 E 4,904.22				1232.07	1231.7	C-0 4	
N 6,365.52 E 4,949.22				1233.27	1231.7	C 1 6	
N 6,395.52 E 4,904.22				1231.50	1232.0	F-0 5	
B.M. CA 45				1232.28	BM CA 45, El = 1232.261, F.B. 4316-10, @ Tree		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape 18 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N Date JULY 74
Date	Indexed

F.B. 4315 PG. 43

CASTAIC LAKE AFTERBAY

LOCATION OF FENCE AROUND
MAINTENANCE & EQUIPMENT BLDG
WEST OF OLD RIDGE ROUTE

J.N 9940.02

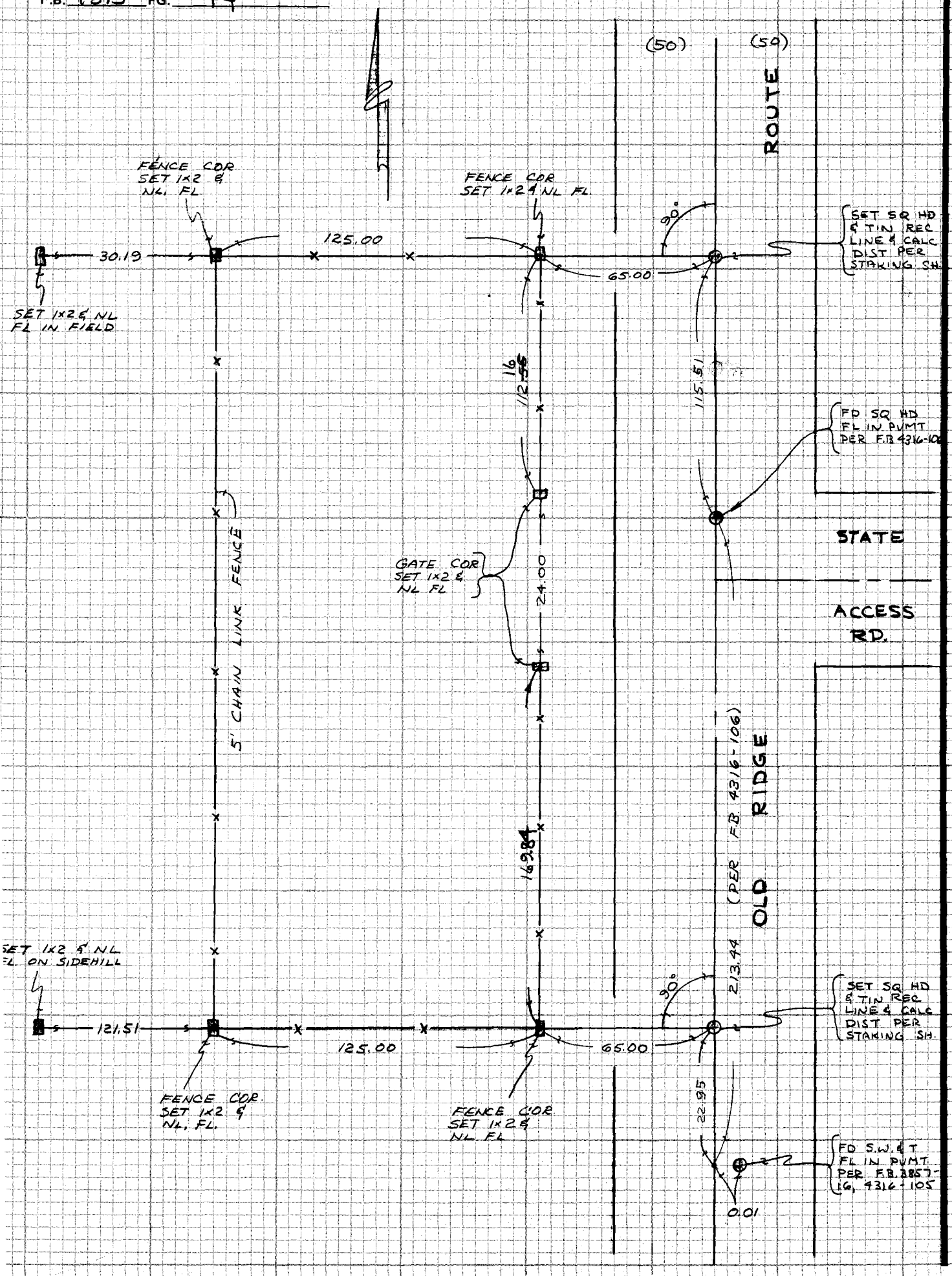
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 44



CE 310
76F3095 3

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

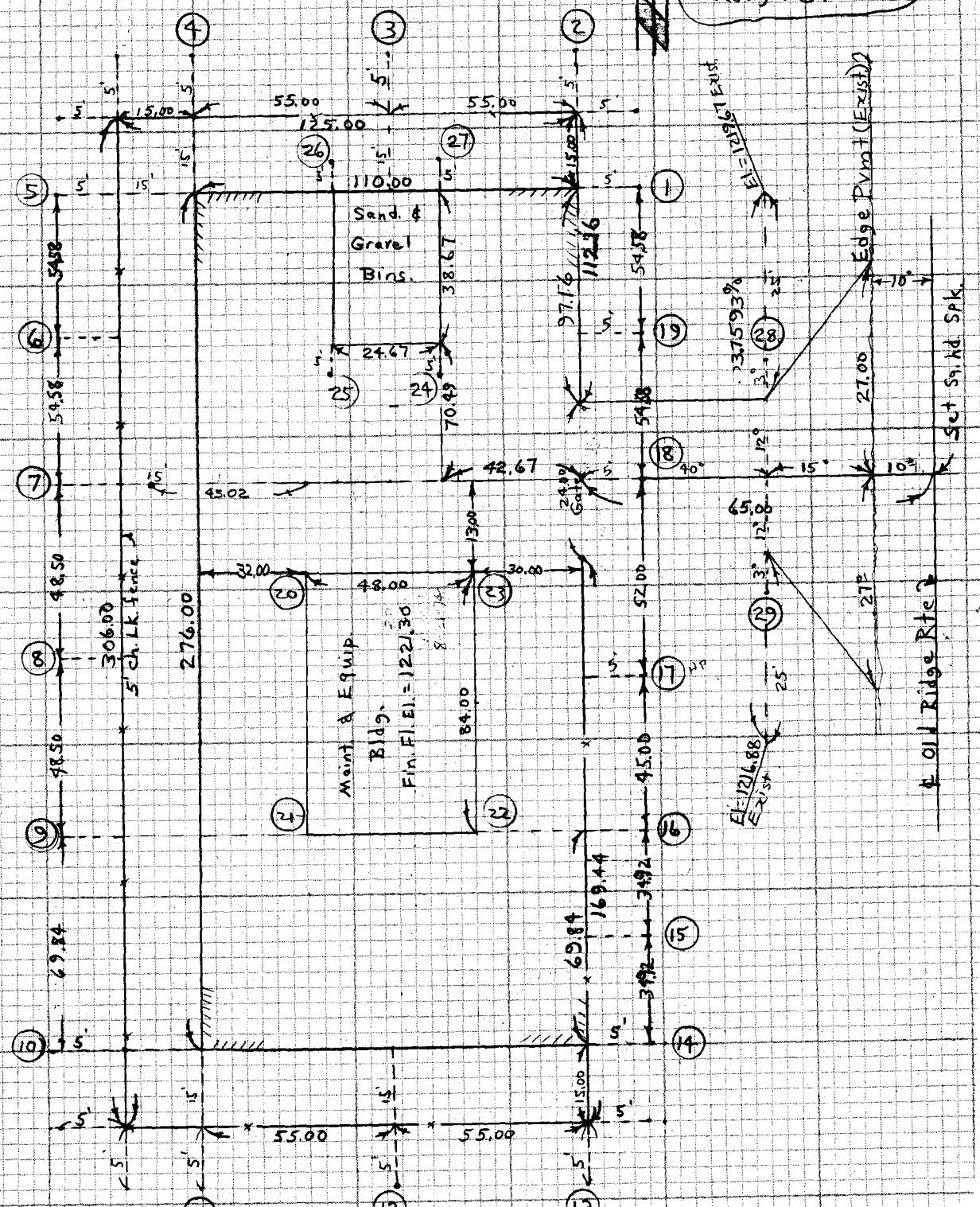
NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 3340.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-23-74
Date	Indexed

F.B. 4315 PG. 45

Maintenance & Equipment Bldg.

See pg# 47 for Rough Grades



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 46

CE 310
76F309E 3

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 47

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-24-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
See pg #45 for Layout				Rough Grades for Maintenance Yard Loc pg #45			
BM CA-4					BM CA-4, El. ±1212.317 F.B. 4316-10, C.E. Mon.		
					Fin. Pvmt.	Cut or Fill	
1				12251	1222.0	C-3.1	5' off edge Pvmt. & fence
2				12258	1222.0	C-3.8	20' off edge Pvmt. & 5' off fence
3				12264	1222.0	C-4.4	" "
4				12281	1222.0	C-6.1	" "
5				12278	1222.0	C-5.8	" "
6				12261	1221.6	C-4.5	" "
7				12248	1221.2	C-3.6	" "
8				12237	1221.1	C-2.6	" "
9				12220	1221.0	C-1.0	" "
10				12170	1220.2	F-1.2	" "
11				12170	1220.2	F-3.2	" "
12				12157	1220.2	F-4.5	" "
13				12141	1220.2	F-6.1	" "
14				12154	1220.2	F-4.8	5' off edge Pvmt & fence
15				12155	1220.8	F-5.3	" "
16				12169	1221.0	F-4.1	" "
17				12190	1220.7	F-1.7	" "
18				12211	1220.2	C-0.9	" "
19				12232	1221.1	C-2.1	" "
Fin. Grd for Maint. Bldg					Finish F. Grd.	Cut or Fill	
20	N.W. cor Bldg pad.			12212	1221.3	F-0.1	
21	S.W. "			12213	1221.3	GRADE	
22	S.E "			12206	1221.3	F-0.7	
23	N.E "			12209	1221.3	F-0.4	
Fin. Grds. for Sand & Gravel Bins							
24	S.E. Cor. Sand & Gravel Bin			12209 1	1221.46	F-0.55	
25	S.W. " " " "			12212 2	1221.58	F-0.36	
26	N.W. " " " "			12245 0	1222.00	C-2.50	
27	N.E. " " " "			12240 7	1222.00	C-2.07	
Fin. Grd for Ent. to Maint. Yard from Old Ridge Rte.							
28				1219 75	1218.73	C-1.02	
29				1218 54	1217.82	C-0.72	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 48

JOB NO. 3340.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 5-21-75 NOTES CHKD.
INDEXED DATE DATE

221.30

STATION	B.S.	H.I.	F.S.	ELEV.			
		Finish Paving Grades Around Maintenance Yard					
					Pvmt Grd.	C or F Pvmt Grd.	
East Side							
0+00	S.E. Cor.			1218	90	1220.70	F-1.80
+25				1927		20.50	F-1.23
+50				1974		20.78	F-1.04
+69.84				2013		21.00	F-0.87
+90.84				2050		20.85	F-0.35
1+11.84				2017		20.70	F-0.53
+33.34				2059		20.55	C-0.04
+54.84	⊼ pt. Pvmt.			2025		20.40	F-0.15
"	36' Rt. ⊼ pt Pvmt.						
1+78.84	⊼ pt Pvmt.			2121		20.40	C-0.81
"	36' Rt ⊼ pt Pvmt.						
1+99.84				2182		20.75	C-1.07
2+24.84				2216		21.16	C-1.00
2+49.84				2332		21.57	C-1.75
2+76.00	N.E. Cor.			2399		1222.00	C-1.99
W. Side							
A	N.W. Cor			2503		1222.00	C-3.03
B.						22.00	
C.				2388		22.00	C-1.88
D						22.00	
E				2347		22.00	C-1.47
F.						22.00	
G	N.E. Cor					1222.00	
West Side							
0+00	S.W. Cor.			2015		1220.20	F-0.05
+25				2047		20.35	C-0.12
+50				2079		20.50	C-0.24
+69.84				2139		20.65	C-0.74
1+00				2219		20.80	C-1.39
+25				2251		20.95	C-1.56
+53.84				2303		21.12	C-1.91
+66.84	Grd. Brk			2304		21.20	C-1.84
+99.84				2376		21.44	C-2.32
+24.84				2354		21.62	C-1.92
+49.84				2377		21.80	C-1.97
+76.00	N.W. Cor.					22.00	
					Pvmt Grd.	C or F Fin Pvmt	Grd. Top Cb. / C or F Top Cb.
Side							
A.	S.W. Cor.			2021		1220.20	C-0.01
B.				2041			1220.70 / F-0.29
C				1994			20.70 / F-0.76
D				1966			20.70 / F-1.04
E				1971			20.70 / F-0.99
F				1931			20.70 / F-1.39
G.	S.E. Cor.						1220.70

		Elev.	Top Cb. Grd.	C or F T.C.
2+06.84	Beg. Cb.	1221.71	1221.36	C-0.35
2+33.40		1222.55	1221.88	C-0.75
2+59.96	End. Cb.	1223.13	1222.24	Cut 0.89

		Elev.	Top Cb. Grd.	C or F Top Cb.
2+06.84	Beg. Cb.	1223.53	1221.99	C-1.54
2+33.40		1223.58	1222.18	C-1.40
2+59.96	End. Cb.	1223.82	1222.37	C-1.45

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-7-74
Date	Indexed

F.B. 4315 PG. 49

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Location of Administration Bldg.
from Park Road (9+75.58) & Parking Lot #4

Burkholder
Boxeth
Wensel
Dragorich

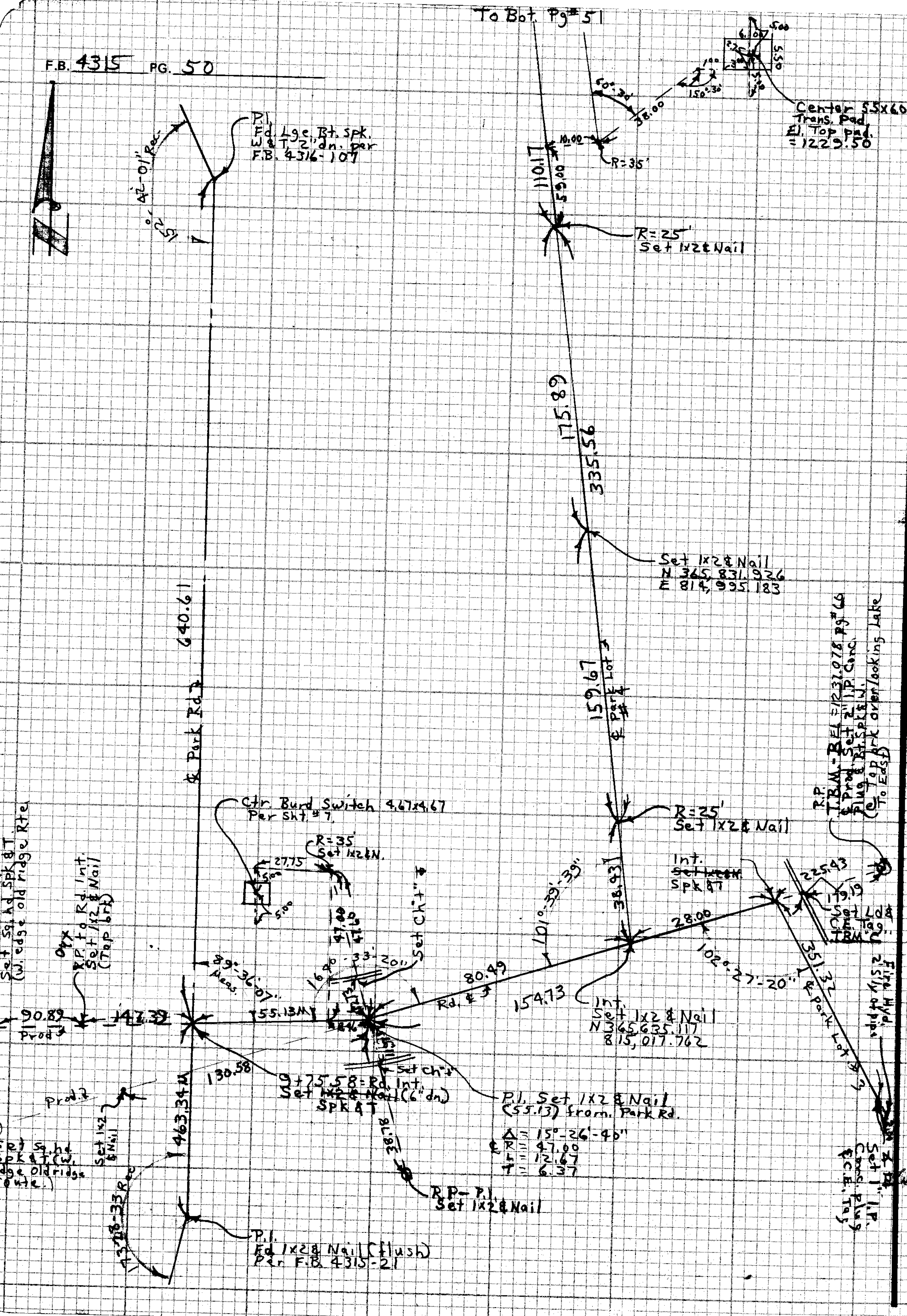
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 50



CE 310
76F30

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

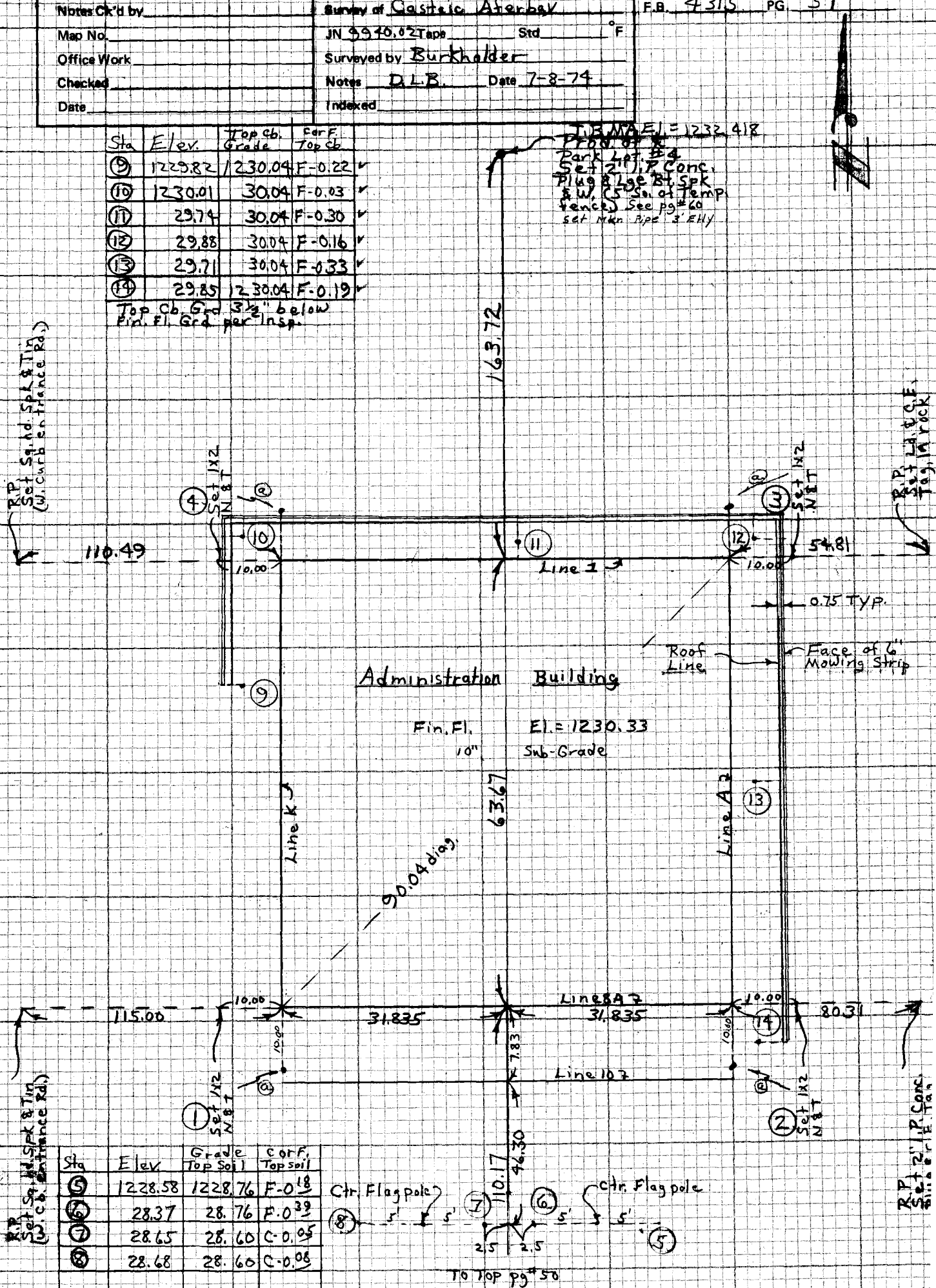
1230.33
29
1230.04

Notes Ck'd by	Survey of Castaic Aferbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-8-74
Date	Indexed

F.B. 4315 PG. 51

Sta	Elev.	Top Cb. Grade	C or F. Top Cb.
9	1229.82	1230.04	F-0.22
10	1230.01	30.04	F-0.03
11	29.74	30.04	F-0.30
12	29.88	30.04	F-0.16
13	29.71	30.04	F-0.33
14	29.85	1230.04	F-0.19

Top Cb. Grd 3½" below Fin. Fl. Grd per Insp.



Sta	Elev.	Grade Top Soil	C or F. Top soil
5	1228.58	1228.76	F-0.18
6	28.37	28.76	F-0.39
7	28.65	28.60	C-0.05
8	28.68	28.60	C-0.08

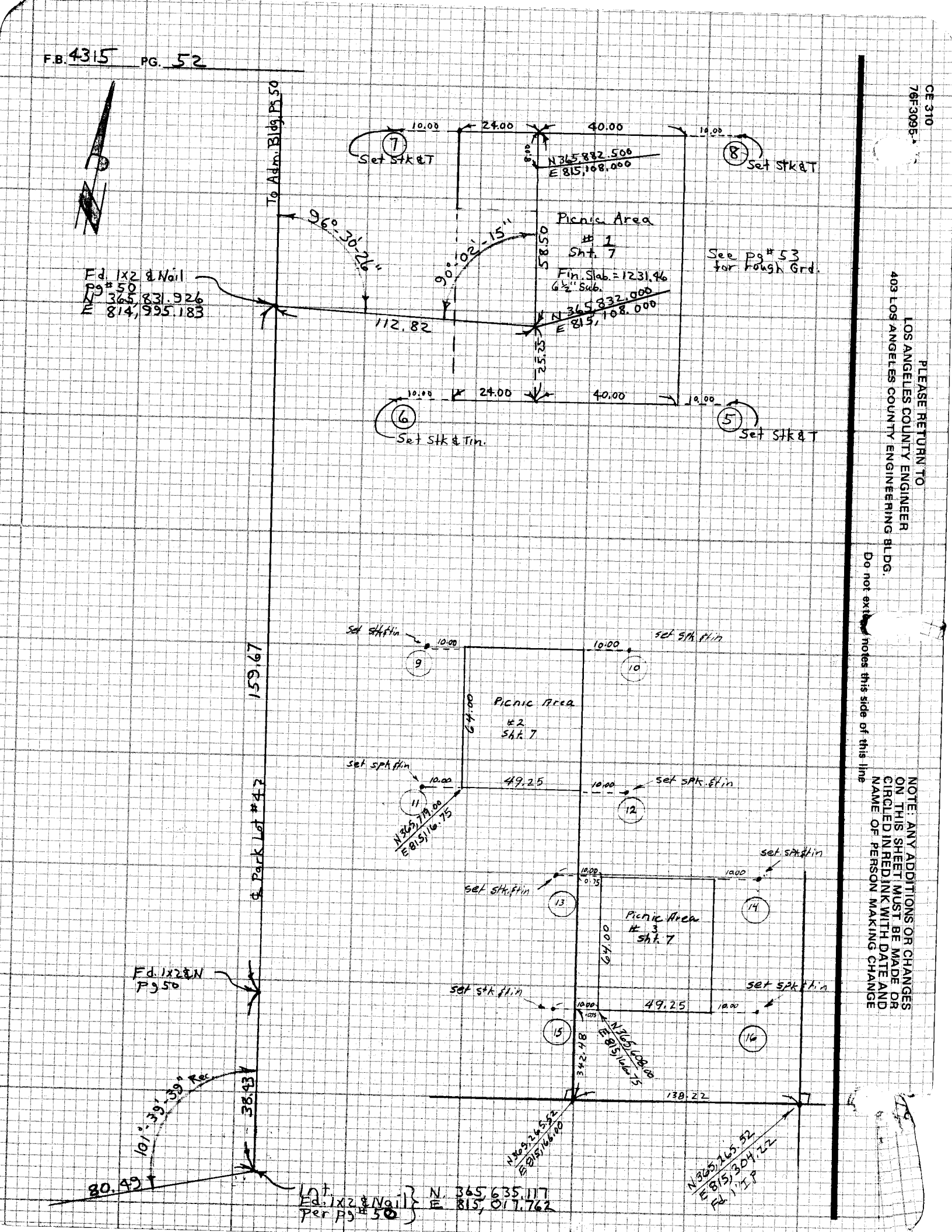
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE
CE 310
76F3095-4/73

F.B. 4315 PG. 52



CE 310
76F3095

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 8-9-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 53

STATION	B.S.	H.I.	F.S.	ELEV.					
					Rough Grades for Administration Bldg Pad & 3 Picnic Areas S.E'ly of Admin. Bldg.				
BM CA-45				1232.26	BM CA-45, El. = 1232.261, F.B. 4316-10, 75± No. & 40± W. of Center of Circle @ Look out Pt. 5' E'ly of 6" Cottonwood. A 1" I.P. Conc. Plug & Bt. Spk.				
BM CA-46				1230.70	BM CA-46, El. = 1230.683, F.B. 4316-10, A 1" I.P. Conc. Plug & Bt. Spk. 2.80 W. of Ctr. Lookout Circle				
					Sub-6½" Grade	Cut or Fill	Fin Slab Grade		
(5) 10' off	S.E. Cor.	Picnic Area # 1		1230.95	1230.92	Grd.	1231.46	SPK & TIN	
(6) 10' off	S.W. Cor.	"	"	1230.44	1230.92	F-0.5	1231.46	STK & TIN	
(7) 10 off	N.W. Cor.	"	"	1230.46	1230.92	F-0.5	1231.46	"	
(8) 10 off	N.E. Cor.	"	"	1229.98	1230.92	F-0.9	1231.46	"	
				Stk's Removed	Sub Grade = 10"		Fin Floor Grade	New Stks Elev	Cut or Fill to Fin Floor
(1) 10' off	S.W. Cor.	Adm. Bldg.		1228.09	1229.50	F-1.4	1230.33	(1) 1229.34	F-0.99
(2) 10' off	S.E. Cor.	"	"	1229.17	1229.50	F-0.3	1230.33	(2) 1229.51	F-0.82
(3) 10' off	N.E. Cor.	"	"	1229.78	1229.50	C-0.3	1230.33	(2) 1229.48	F-0.85
(4) 10' off	N.W. Cor.	"	"	1230.18	1229.50	C-0.7	1230.33	(3) 1229.64	F-0.69
								(3) 1229.70	F-0.63
								(4) 1229.80	F-0.53
								(4) 1229.49	F-0.84
								(4) 1229.82	F-0.46
					Sub Grade	Cut or Fill	Fin Slab Grade		
(9) 10' off	N.W. Cor	Picnic Area # 2		1230.92	1230.02	C-0.9	1230.56	STK & TIN	
(10) 10' off	N.E. Cor	"	"	1230.52	1230.02	C-0.5	1230.56	SPK & TIN	
(11) 10' off	S.W. Cor.	"	"	1230.71	1230.02	C-0.7	1230.56	SPK & TIN	
(12) 10' off	S.E. Cor.	"	"	1230.13	1230.02	C-0.1	1230.56	SPK & TIN	
					Sub Grade	Cut or Fill	Fin. SLAB GRADE		
(13) 10' off	N.W. Cor	Picnic Area # 3		1230.56	1229.92	C-0.7	1230.46	STK & TIN	
(14) 10' off	N.E. "	"	"	1230.68	1229.92	C-0.8	1230.46	SPK & TIN	
(15) 10' off	S.W. "	"	"	1229.74	1229.92	F-0.2	1230.46	STK & TIN	
(16) 10' off	S.E. "	"	"	1229.94	1229.92	GRADE	1230.46	SPK & TIN	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTES

CE 307 76-L-298-4/73

F.B. 4315 PG. 54

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
				Grades for F.H. So. end Park Lot #3			
CA-46				1230.68	CA-46, El. = 1230.68, F.B. 4316-11, 1" I.P. 2.80 West of ctr. circle		
					Fin Prmt Grd.	C or F	
Fire Hyd. @ So. end Lot #3				1228.85	1227.60	C-1.25	To Fin. Prmt.
Burd Switch (So. end Lot #4)				1215.78	1216.40	F-0.62	To Top Box.
Fire Hyd @ No. end Lot #4 (Adm. Build)				1227.60	1228.50	F-0.90	Top ch.
T.B.M. A					TBM A, El. = 1232.48, F.B. 4315-51, 60. 2" I.P. Conc. plug & Bt. spk. 164± N'ly of Adm. Building		
				Grades for F.H. S'ly end Park Lot #5			
B.M. CA-42					BM CA-42, El. = 1173.85, F.B. 4316-9 1" I.P. Conc. plug & Sm. Bt. Spk.		
					Fin Grd.	C or F	
Fire Hyd. @ S'ly end Lot #5				1174.60	1175.18	F-0.58	To Fin. Prmt. Grd.
for Location See F.B. 4316-							
					Prmt Fin Grd	C or F. to Prmt	
Fire Hyd. @ E'ly end Lot #7				1180.77	1181.24	F 0.47	To Fin. Prmt. Grd.
for Location See 4316-192							
B.M. CA-70				1172.72			1" I.P. & Sml. Bolt Spk.
Fire Hyd. @ E'ly end Lot #11							
for Location See F.B. 4316-197					Prmt Fin Grd	C or F To Prmt.	
B.M. CA-67				1185.83			BM CA-67, El. = 1185.83
				1181.98	1182.80	F-0.82	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

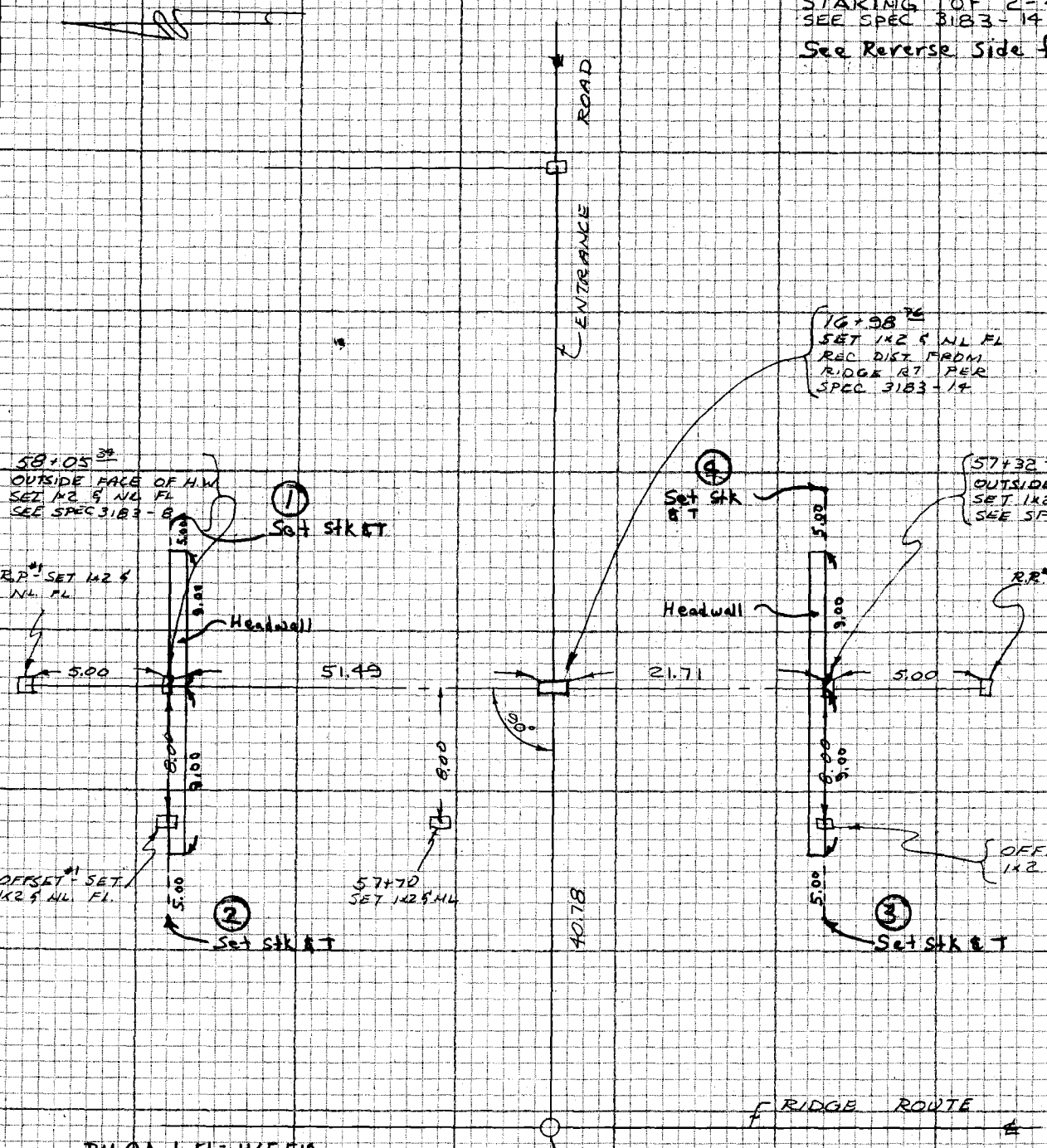
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape ____ Std ____ °F
Office Work	Surveyed by Nevarez
Checked	Notes ____ Date 8-12-74
Date	Indexed

F.B. 4315 PG. 55

STAKING OF 2-48" C.M.P.
SEE SPEC 3183-14
See Reverse Side for Grds.



BM CA-1 El = 1165.510
1" I.P. & Wood Plug

Sta	Elev	Grade Top Hdwll	Cor F Top Hdwll
1	1172.79	1172.80	F 0.01 ✓
2	1172.31	1172.80	F 0.49 ✓
3	1170.47	1170.50	F 0.03 ✓
4	1170.41	1170.50	F 0.09 ✓

57+53 85 RIDGE RTE STA.
17+39 54 ENT. RD. STA.
FD LA CO. ENGR. TAG & NL IN
CONC. PER FB 4316-104
SPEC 3183-8 & 14

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

LINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 56

STA	ELEV	%	GRADE	CUT
CA				
57+32 14	1169.21	∓	1165.00	C: 4.21
57+70	1170.33	3.14	1166.19	C: 4.14
58+05 34	1172.06	±	1167.30	C: 4.76

CE 310
76F3095-4 '73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

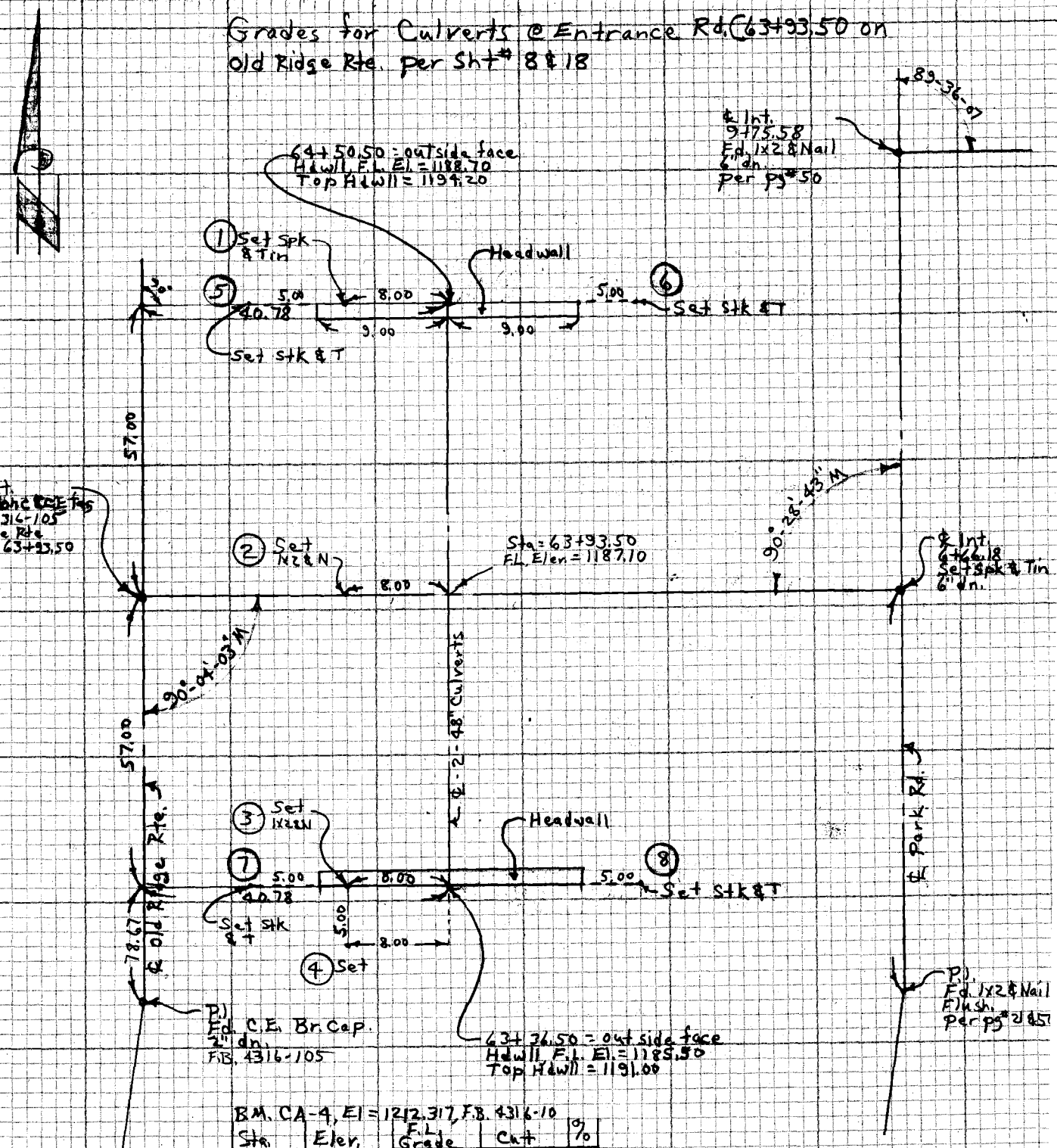
Do not exte[illegible] notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Atterbury
Map No.	Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-13-74
Date	Indexed

F.B. 4315 PG. 57

Grades for Culverts @ Entrance Rd. (63+93.50 on Old Ridge Rte. per Sht# 8 & 18



B.M. CA-9, El = 1212.317, F.B. 4316-10

	Sta.	Elev.	F.L. Grade	Cut	%
1	64+50.50	1195.07	1188.70	6.37	
2	63+93.50	1192.61	1187.10	5.51	
3	63+36.50	1190.71	1185.50	5.41	
4	63+31.50	1190.71	1185.36	5.35	

Sta.	Elev.	Grade Top Hdwll	C or F Top Hdwll
5	1195.10	1194.20	C 0.90
6	1195.03	1194.20	C 0.83
7	1191.04	1191.00	C 0.04
8	1191.07	1191.00	C 0.07

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F 3095-4/73

F.B. 4315 PG. 58

CE 310
76F3095-#173

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 59

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 8-14-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Additional Level Circuit

Administration Bldg. Area

Burkholder
Bozeth
Wensel
Donlery

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 60

JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 8-14-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	
BM.CA-4				1212 317	BMCA-4, Elev=1212.317, F.B. 4316-10, Prop. Cor.
	11 060	1223 377			old Ridge Route, 2293± No. of Int. New Lake
R			2 919	1220 458	Hughes Road, 50' East of & old Ridge Rte.
	8 781	1229 239			A Co. Engr. Mon. up. 2", See F.B. 3857-16&23
R			1 056	1228 183	
	7 217	1235 400			
TBM.-A			2 982	1232 418	TBM-A, El.=1232.418 See pg# 51
	3 086	1235 504			164± North of Administration Bldg on & Prod. of
R			6 271	1229 233	Parking Lot #4, A 2" I.P. Conc. Plug & Bt. Spk & W.
	4 920	1234 153			5± So. of Temp. fence.
R			4 058	1230 095	
	5 337	1235 432			
R			4 908	1230 524	
	7 654	1238 178			
TBM-B.			1 100	1237.078	TBM-B, El.=1237.078, 2" I.P. Conc. Plug & Spk & W.
	3 246	1240 324			500± S.E'ly of Administration Bldg, on & Prod. of Road
R			7 442	1232 882	to Park Lot #4, 253± E'ly of & Park Lot #4 (@ Top
	2 527	1235 409			break overlooking Lake to East) See pg# 50
M CA-46			4 715	1230 694	BM CA-46, El.=1230.683, F.B. 4316-11
	4 610	1235 304			1" I.P. Conc. Plug & Spk & W. 280 W. of Cent. Cir. @ Lookout Pt.
M CA-45			3 048	1232 256	BM CA-45, El.=1232.261, F.B. 4316-10,
					1" I.P. Conc. Plug & Spk & W. 75± No. & 40± West of
					Center of Circle @ Lookout
BM "B"				1237.08	TBM "B" El. 1237.078, 2" I.P. Conc. Plug Spk & W.
					500± S'ly of Adm. Bldg. on & Prod. of Rd. to
					Park Lot #4.
R				1229 76	
M "C"				1225.09	TBM "C", Ld & C.E. Tag, in dep. Cb. E. side Lot #4 on
					& Prod of Ent Rd to Lot #4, See F.B. 4316-50
CA-46				1230 68	BM CA-46, El. 1230.683, F.B. 4316-11, 1" I.P. 280 W.
					of Center Cir. @ Lookout Pt.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-15-74
Date	Indexed

F.B. 4315 PG. 61

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Location of open Storm Drain

from: Exist 24" C.M.P. @ old Ridge Rte. Sta. 66+08.00 } See Sht 988

to: New 60" C.M.P. @ N.E. Cor. D.W.R. Property

See pg# 65 for Grades

Burkholder
Boxeth
Wensel
Donlery

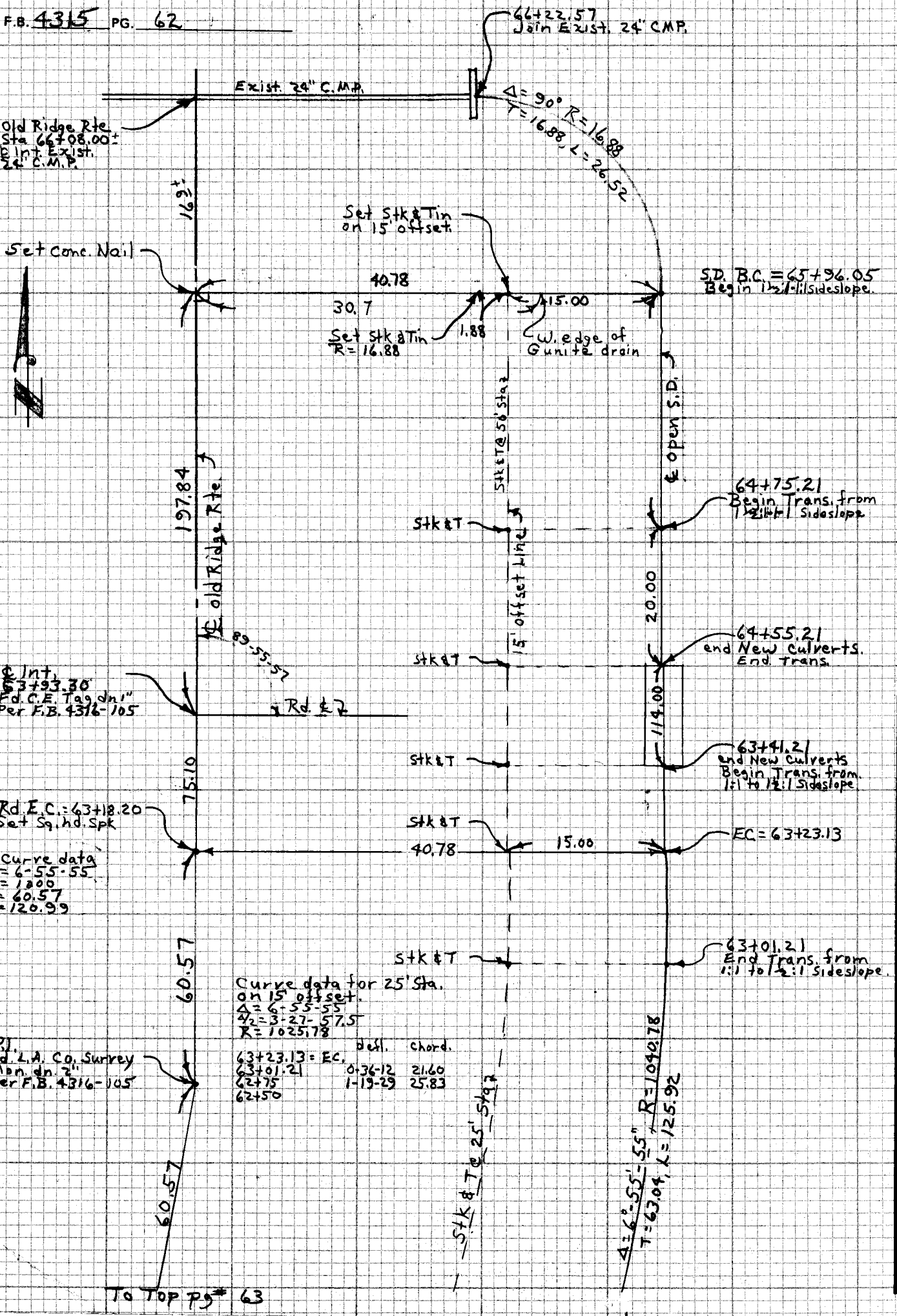
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
463 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 62



CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

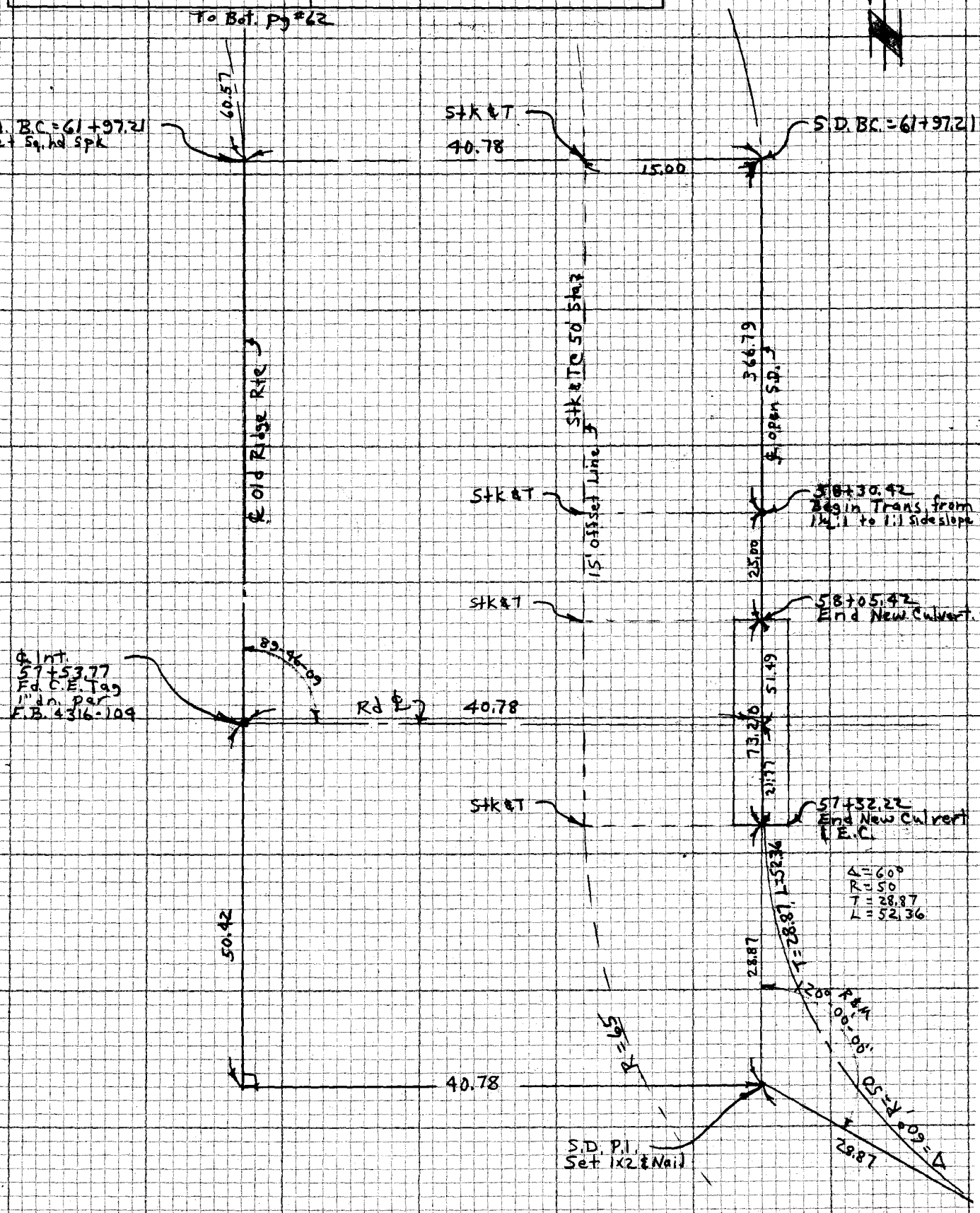
Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 59+0.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-15-74
Date	Indexed

F.B. 4315 PG. 63

To Bot. Pg #62



To Bot pg #64

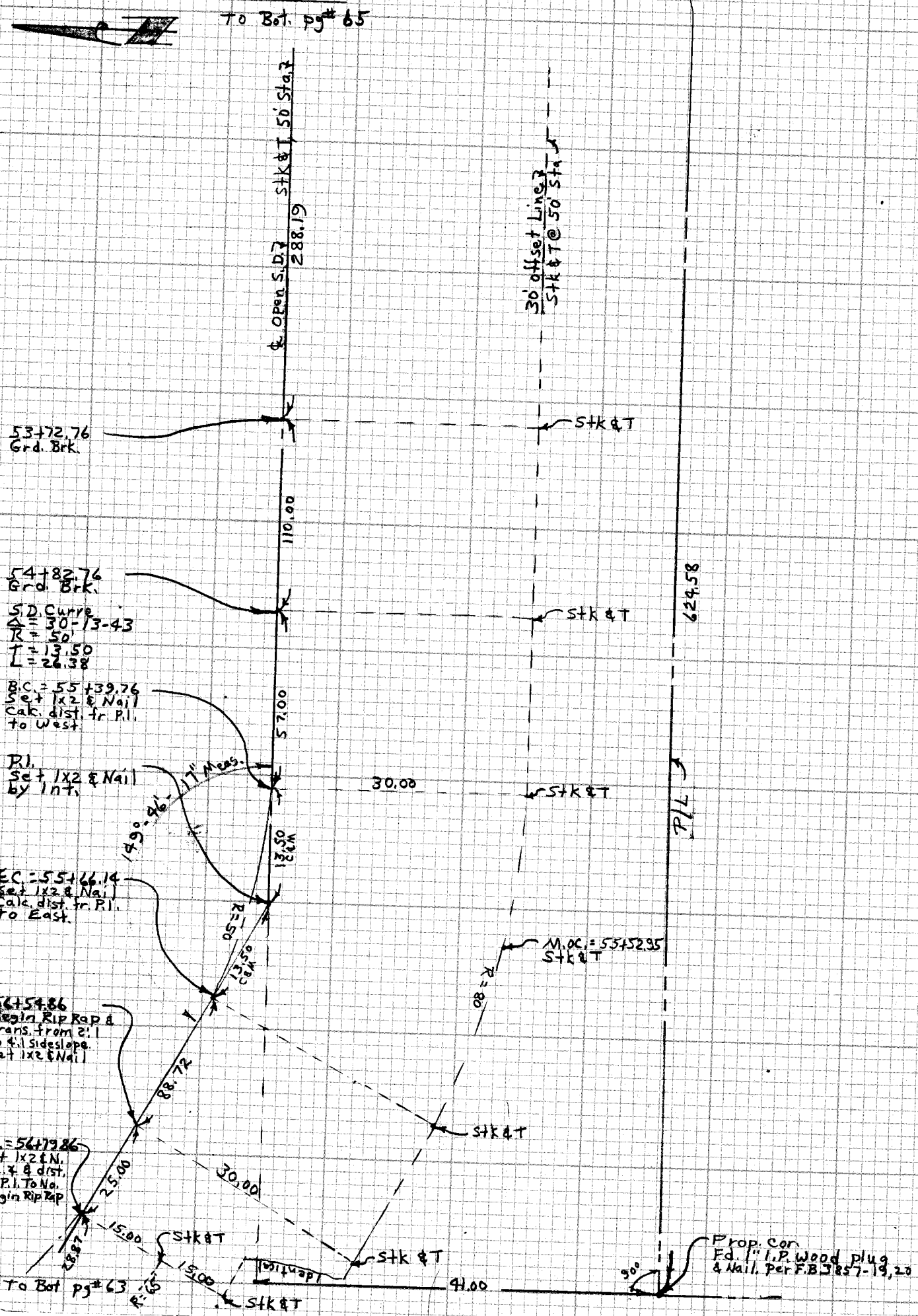
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 64



CE 310
76F3095-4 '73

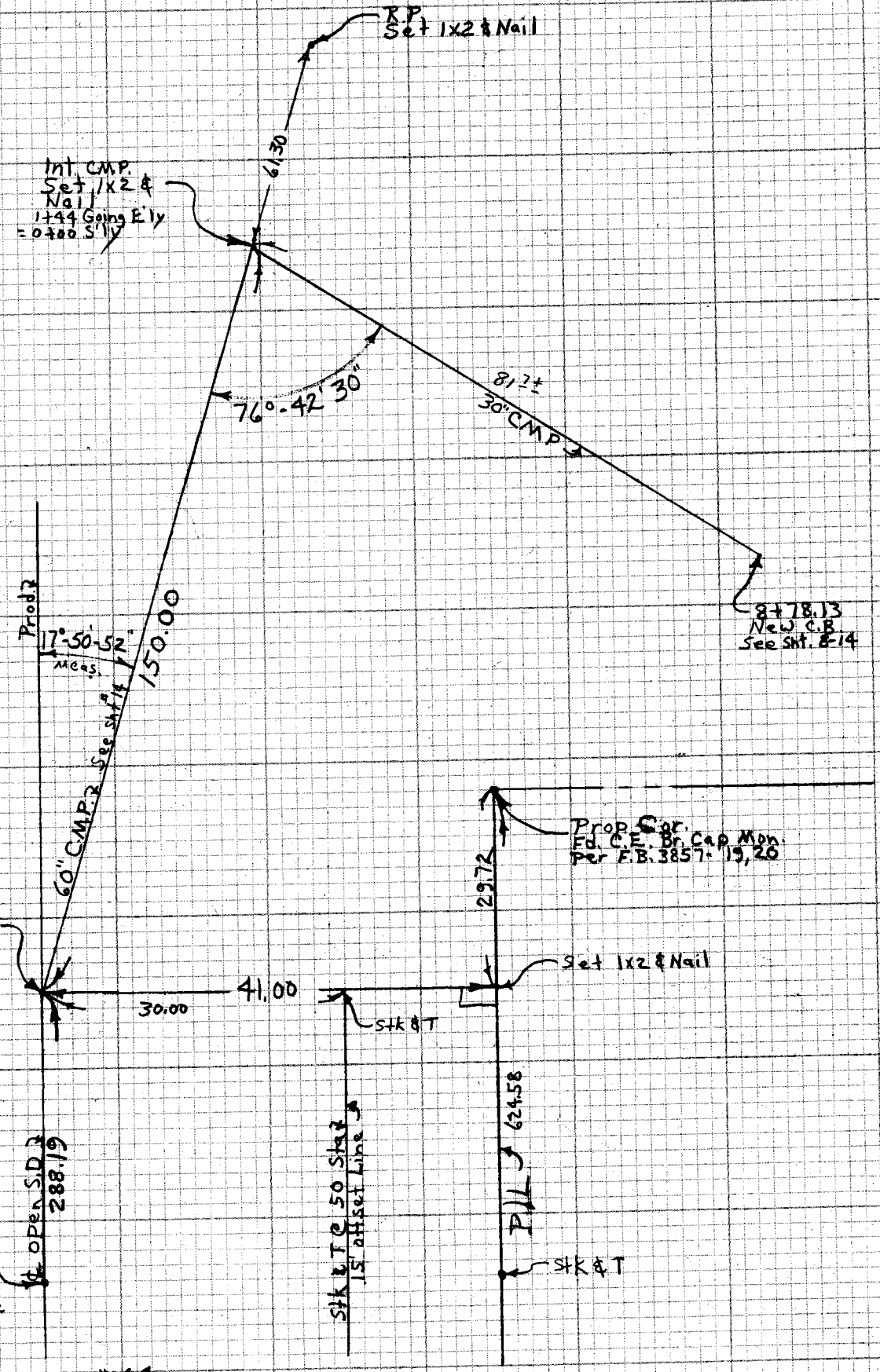
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not ~~extra~~ notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-16-74
Date	Indexed

F.B. 4315 PG. 65



To Top pg# 64

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

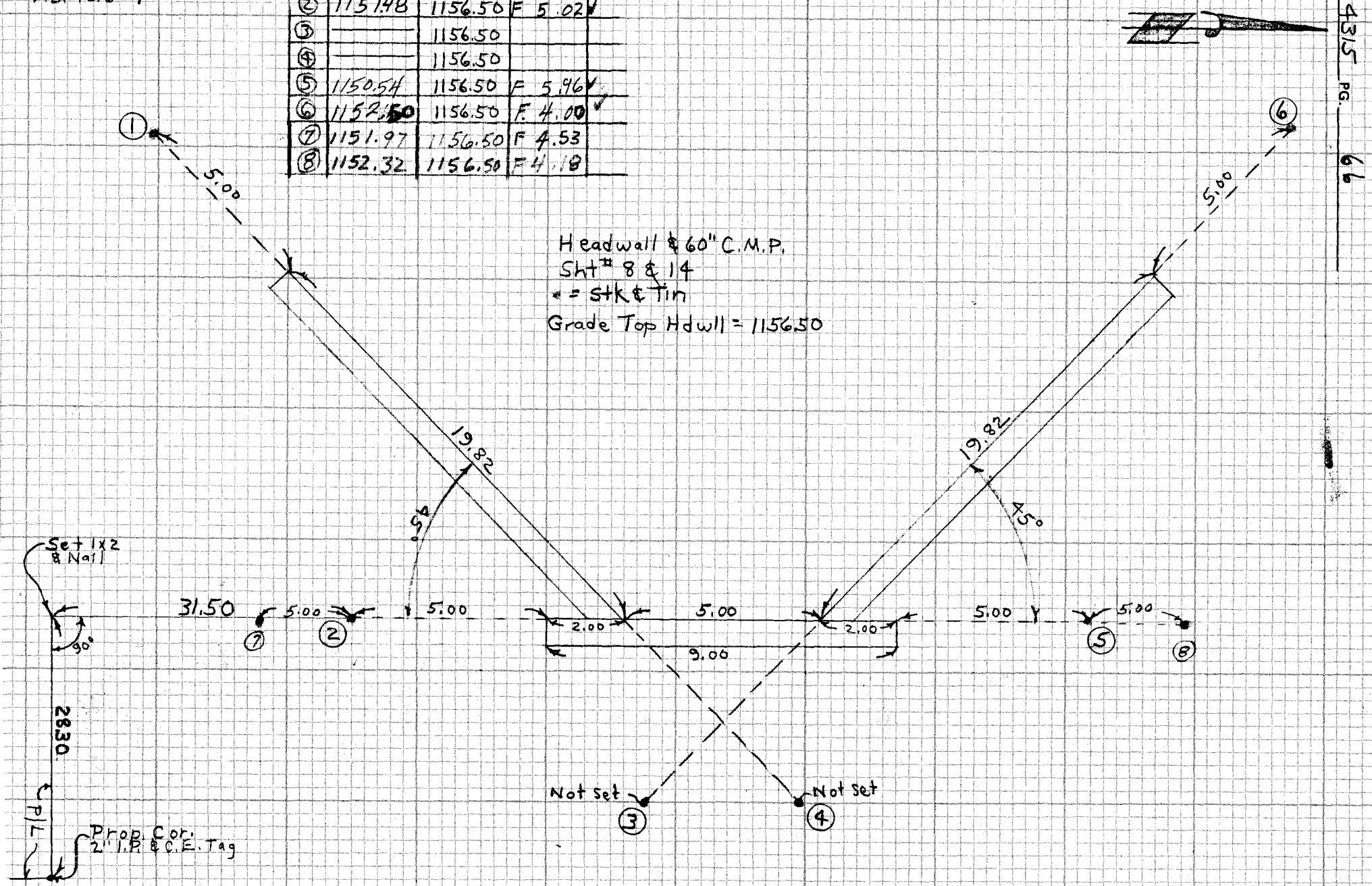
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

BM CA-38 El = 1159.050
2" I.P. & C.E. Tag
N.E. Cor. DWR Prop.
F.B. 4316-7

Sta	Elev.	Grd Top Hdwll	Cor F Top Hdwll
1	1154.44	1156.50	F 2.06
2	1151.48	1156.50	F 5.02
3	———	1156.50	
4	———	1156.50	
5	1150.54	1156.50	F 5.96
6	1152.50	1156.50	F 4.00
7	1151.97	1156.50	F 4.53
8	1152.32	1156.50	F 4.18

F.B. 4315 PG. 66



Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

DE 310
76F3095-4/73

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 67

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D. L. B. DATE 8-16-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Grades for Open Storm Drain along Old Ridge Route.

See pg # 61 for Location

Burkholder
Boxeth
Wensel
Donlevy

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 68

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 8-16-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	Fin Grd. @ F.L	Cut or Fill to Fin Grd	
MCA-38				1159 05		BMCA-38, El.= 1159.050, F.B. 4316-7, N.E'ly Prop. Cor. DWR Lot, A 2" I.P. Conc plug & C.E. Tag, dn. 3"		
								STAKING LINE 30' So.
6+06.22 E 50+84.57 W'ly	(East face Hdwll)			1157 68		1148.50	C-9.18	STK. & TIN
51+00				1158 51		1150.24	C-8.27	"
51+24.57	Grd Brk.			1159 69		1153.00	C-6.69	SPK. & TIN
+50				1160 73		1153.71	C-7.02	STK. & TIN
+75						1154.40		
52+00				1161 42		1155.10	C-6.32	"
+25						1155.73		
+50				1161 61	2.78%	1156.49	C-5.12	"
+75						1157.18		
53+00				1161 54		1157.88	C-3.66	"
+25						1158.57		
+50				1161 99		1159.27	C-2.72	SPK. & TIN
53+72.76	Grd Brk.			1162 32		1159.90	C-2.42	"
54+00				1163 02		1160.67	C-2.35	STK. & TIN
+25					2.82%	1161.37		
+50				1163 64		1162.08	C-1.56	"
+75						1162.78		
54+82.76	Grd. Brk			1163 81		1163.00	C-0.81	SPK & TIN
55+00				1163 73	.872	1163.15	C-0.58	"
+25						1163.37		
55+39.76	B.C. & Grd Brk.			1164 10		1163.56	C-0.60	"
55+52.95	M.O.C.			1164 31	.752	1163.60	C-0.71	STK. & TIN
55+66.14	E.C. & Grd. Brk.			1164 36		1163.76	C-0.66	SPK & TIN
55+75						1163.77		
56+00				1165 08	.789%	1163.97	C-1.11	"
+25						1164.17		
+50						1164.37		
+54.86	Grd Brk. Begin Rip Rap & Trans.			1166 37		1164.40	C-1.97	STK. & TIN
+79.86	B.C. end Rip Rap. Grd Brk.			(B) 1166 92 (E) 1167 34		1164.60	C-2.32 (B) C-2.74 (E)	"
57+00					.749	1164.75		STAKING LINE 15' W.
57+06.04	M.O.C.			1168 39		1164.80	C-3.59	STK. & TIN
57+32.22	E.C. @ Culvert, end. Trans			1170 93		1165.00	C-5.93	"
57+05.42	end culvert. Begin Trans			1172 40		1167.30	C-5.10	"
57+30.42	end Trans. Grd Brk			1173 61		1168.80	C-4.81	"
CA-1				1165 50		BMCA-1, El.= 1165.510, F.B. 4316-12, Prop. Cor. N.W. Cor. DWR Prop. A 1" I.P. [illegible]		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 8-16-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 69

STATION	B.S.	H.I.	F.S.	ELEV.	%	Fin. Grd @ F.L.	Cut or Fill to Fin Grd.	
								STAKING LINE 15' WEST
58+50				1174.27		1169.47	C-4.80 V	STK & Tin
+75						1170.33		
59+00				1176.15		1171.19	C-4.96 V	"
+25						1172.05		
+50				1177.70		1172.91	C-4.79 V	"
+75						1173.77		
60+00				1178.95		1174.63	C-4.32 V	"
+25					3.387%	1175.49		
+50				1180.90		1176.35	C-4.55 V	"
+75						1177.21		
61+00				1182.82		1178.07	C-4.75 V	"
+25						1178.93		
+50				1182.15		1179.79	C-2.36 V	"
+75						1180.65		
61+97.21	B.C. Grd. Brk			1186.70		1181.41	C-5.29 V	"
62+25				1187.38		1182.37	C-5.01 V	"
+50				1188.13	3.452%	1183.23	C-4.90 V	SPK. & Tin
+75				1189.10		1184.09	C-5.01 V	"
63+01.21	Begin Trans.			1189.80		1185.00	C-4.80 V	"
63+23.13	E.C.			1190.25	1.38%	1185.27	C-4.98 V	"
63+41.21	end Culvert. end Trans.			1190.97		1185.50	C-5.47 V	STK. & Tin
64+55.21	end Culvert Begin Trans.			1195.05		1188.70	C-6.35 V	SPK. & Tin
64+75.21	end Trans.			1195.38		1190.00	C-5.38 V	"
65+00				1196.15		1191.03	C-5.12 V	Punch in Tel. M.H.
+25					4.49%	1192.07		
+50				1198.23		1193.10	C-5.13 V	STK. & Tin
+75						1194.14		
65+96.05	B.C. Begin Trans.			1199.53		1195.00	C-4.53 V	"
66+22.57	end Trans @ Exist. 24" C.M.P.					1195.93		
BMCA-4						BMCA-4 El. = 1212.317, F.B. 4316-10, Prop Cor. @ old Ridge Rte. East of Maint. Yard.		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 70

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 10-23-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.				
	Grades on ℄ Open Drain for Gunite Print.							
BMCA-1				1165.51	BMCA-1, El=1165.510, F.B. 4316-12, Prop. Cor. N.W. Cor. DWR prop. A 1" I.P. & Wood Plug, dn. 12"			
					Fin Grd @ F.L.	C or F. to Fin F.L.		
56+79.86	B.C.			1163.93	1164.60	F	0.67	✓
57+06.04	M.OC.			1164.82	1164.80	C	0.02	✓
58+30.42	end Trans.			1168.80	1168.80		Gr.	✓
58+50				1169.30	1169.47	F	0.17	✓
59+00				1171.21	1171.19	C	0.02	✓
+50				1172.93	1172.91	C	0.02	✓
60+00				1174.80	1174.63	C	0.17	✓
+50				1176.66	1176.35	C	0.31	✓
61+00				1178.16	1178.07	C	0.09	✓
+50				1179.89	1179.79	C	0.10	✓
61+97.21	B.C.			1181.48	1181.41	C	0.07	✓
62+50.				1183.11	1183.23	F	0.12	✓
63+01.21	End Trans.			1184.74	1185.00	F	0.26	✓
63+23.13	EC.			1185.13	1185.27	F	0.14	✓
64+75.21	Begin Trans.			1190.15	1190.00	C	0.15	✓
65+00				1191.06	1191.03	C	0.03	✓
+50				1193.17	1193.10	C	0.07	✓
65+96.05	B.C. Begin Trans.			1194.98	1195.00	F	0.02	✓
BMCA-4					BM CA-4, El.=1212.317, F.B. 4316-10 Prop Cor @ old Ridge Rte. East of Maint. Yard.			

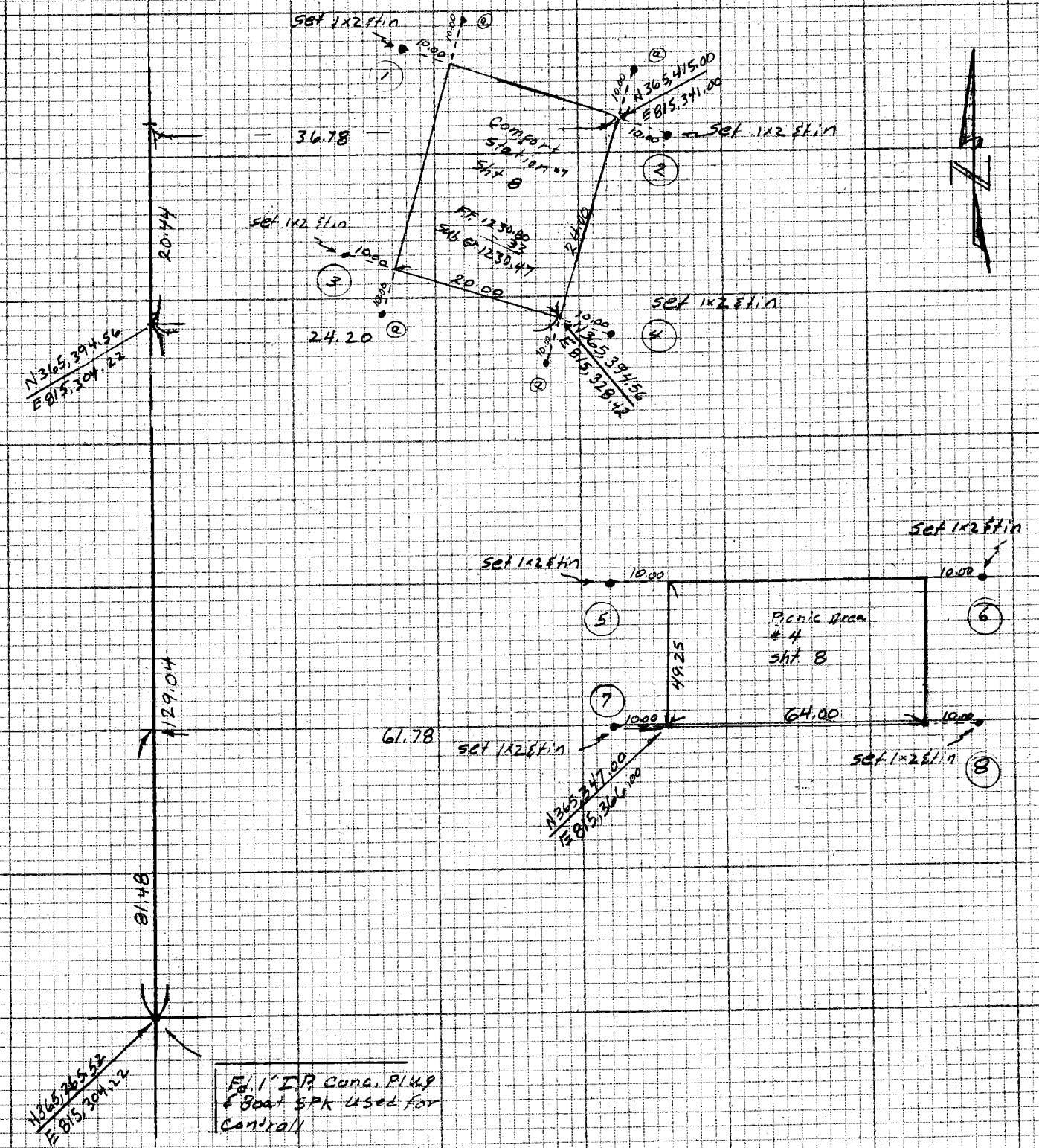
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes P.I.B. Date Aug 20,74
Date	Indexed

F.B. 4315 PG. 71



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. _____ PG. 72

CE 310
76F3095 73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. PG. 73

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

Rough Grades for Comfort Station &
Picnic Area 4 top sht 8
N 365,370 ±
E 815,350 ±

BM CA45 — 1232.26 — BM CA 45 El 1232.261 FB 4316-10 75' No. & 40'± West of center circle @ Lookout Pt. 5' E'ly of 6" cottonwood & 1" IP Conc. Plug & Boat Spk

BM CA46 — 1230.70 — BM. CA 46 El = 1230.683 FB 4316-10 A 1" IP Conc. Plug & Boat spk 280 W. of Ctr. Circle

	Stk's Removed	Sub Grade	Cut on Fill	F.F. Grade	New Stk's ↓ Elev	Cut or Fill To Fin. Slab
					① 1230.24	F-0.56
① 10' off N.W. Cor Comfort Station	1229.55	1230.47	F-0.9	1230.80	② 1230.35	F-0.45
					② 1230.47	F-0.33
② 10' off N.E. Cor " "	1229.94	1230.47	F-0.6	1230.80	② 1230.35	F-0.45
					③ 1230.51	F-0.29
③ 10 off S.W. " " "	1230.10	1230.47	F-0.4	1230.80	③ 1230.33	F-0.47
					④ 1230.33	F-0.47
④ 10 off S.E. " " "	1229.94	1230.47	F-0.6	1230.80	④ 1230.62	F-0.18
				Fin. Slab		
⑤ 10' off N.W. Cor Picnic Area 4	1229.90	1229.62	C-0.3		STK & Tin	
⑥ 10' off N.E. Cor " " "	1230.86	1229.62	C-1.3		STK & Tin	
⑦ 10' off S.W. Cor " " "	1230.08	1229.62	C-0.5		STK & Tin	
⑧ 10' off S.E. Cor " " "	1230.21	1229.62	C-0.6		STK & Tin	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes to this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. PG. 74

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

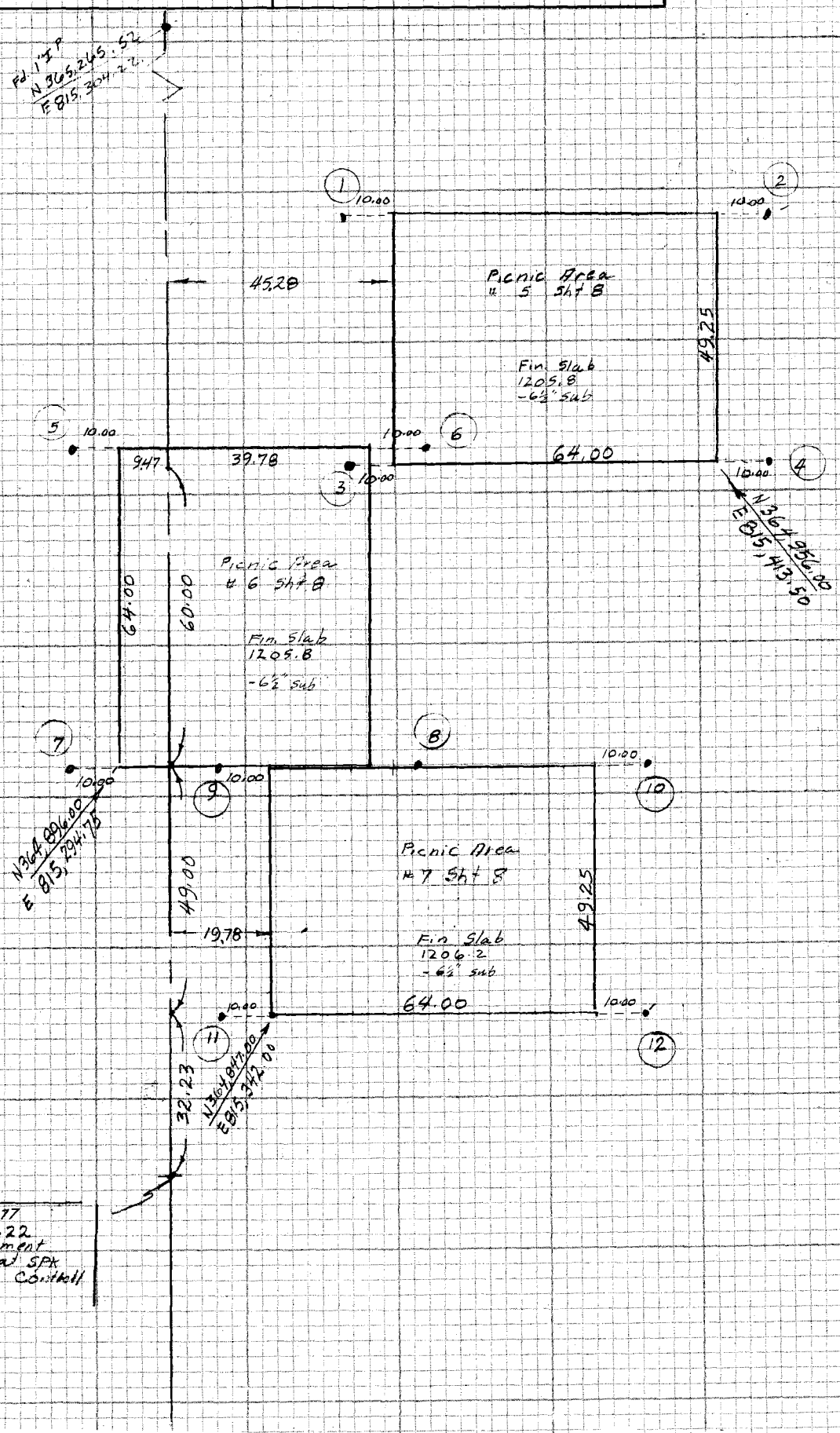
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Freeway
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes PLB Date Aug. 21, 74
Date	Indexed

F.B. 4315 PG. 75



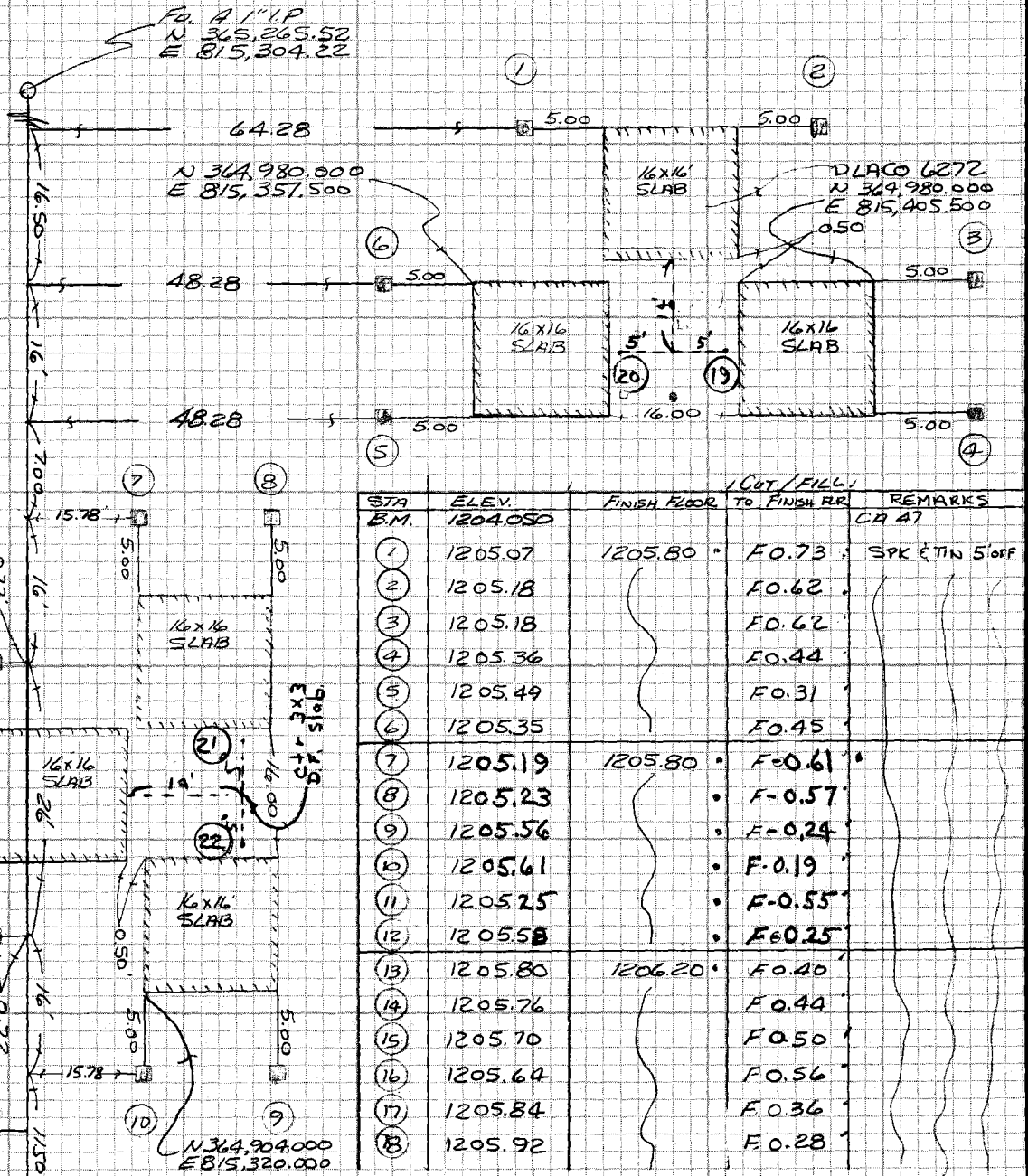
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

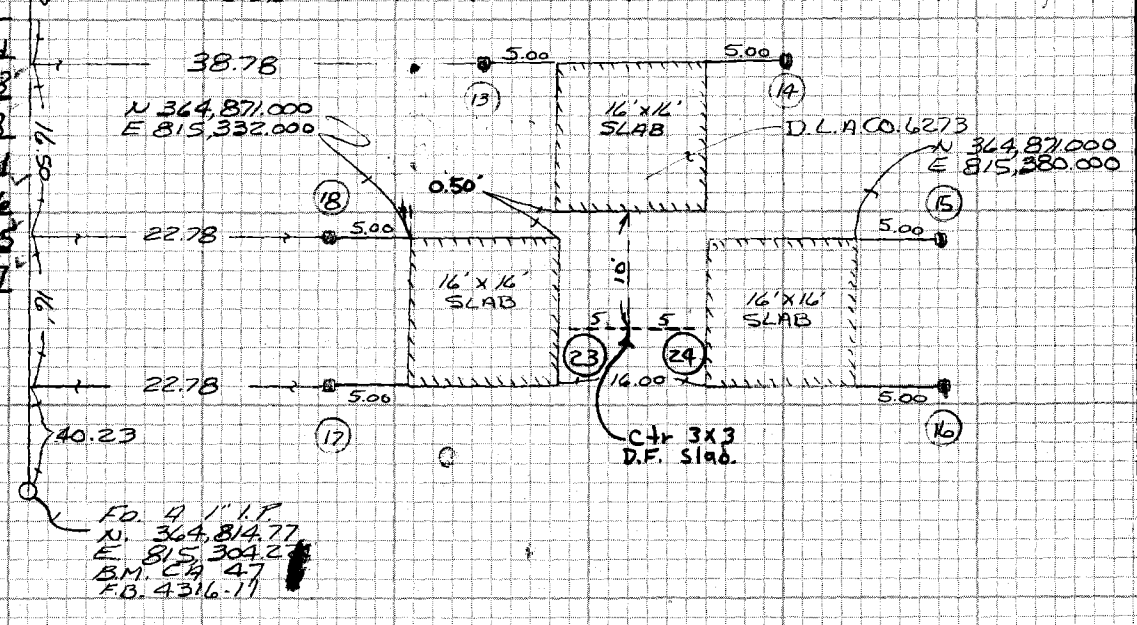
CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 76



STA	ELEV.	FINISH FLOOR	CUT / FILL TO FINISH FLR	REMARKS
B.M.	1204.050			CA 47
1	1205.07	1205.80	F0.73	SPK & TIN 5' OFF
2	1205.18		F0.62	
3	1205.18		F0.62	
4	1205.36		F0.44	
5	1205.49		F0.31	
6	1205.35		F0.45	
7	1205.19	1205.80	F-0.61	
8	1205.23		F-0.57	
9	1205.56		F-0.24	
10	1205.61		F-0.19	
11	1205.25		F-0.55	
12	1205.58		F-0.25	
13	1205.80	1206.20	F0.40	
14	1205.76		F0.44	
15	1205.70		F0.50	
16	1205.64		F0.56	
17	1205.84		F0.36	
18	1205.92		F0.28	

	Elev.	Fin. D.F. Slab Grd.	C or F Fin Grd.
12	551	1205.38	C0.13
11	581	1205.38	C0.43
	537	1205.38	F0.01
	512	1205.38	F0.26
12	580	1205.85	F0.05
12	572	1205.85	C0.07



CE 310
76F3095-A173

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF Castaic Lake Afterbay

F.B. 4315 PG. 77

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY PLB DATE aug 21, 1974

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.				
					Rough Grades For Picnic Areas # 5, 6, & 7			
BM CA 47				1204.05	BM.CA 47 Elev 1204.050 on the North South grid line top of spur @ coorbinates N364,814.77 E815,304.22 A 1" IP w/cmnt. Plug and Sm Bt SPK FB. 4316-11			
					Sub Grade	Cut or Fill	Fin slab Grade	
① 10' off N.W. Cor Picnic Area # 5				1206.64	1205.26	C-1.2	1205.80	STK. & Tin
② 10' off N.E. " " "				1206.21	1205.26	C-1.0	1205.80	STK. & Tin
③ 10' off S.W. " " "				1206.06	1205.26	C-0.8	1205.80	STK. & Tin
④ 10' off SE " " "				1206.09	1205.26	C-0.8	1205.80	SPK. & Tin
⑤ 10' off N.W. Cor Picnic Area # 6				1204.46	1205.26	F-0.8	1205.80	STK. & Tin
⑥ 10' off NE " " " "				1206.09	1205.26	C-0.8	1205.80	STK. & Tin
⑦ 10' off SW " " " "				1204.39	1205.26	F-0.9	1205.80	STK. & Tin
⑧ 10' off SE " " " "				1205.60	1205.26	C-0.5	1205.80	STK. & Tin
⑨ 10' off N.W. Cor Picnic Area # 7				1205.20	1205.66	F-0.5	1206.20	SPK. & Tin
⑩ 10' off NE Cor Picnic Area "				1206.07	1205.66	C-0.4	1206.20	SPK. & Tin
⑪ 10' off SW " " " "				1205.54	1205.66	F-0.1	1206.20	STK. & Tin
⑫ 10' off SE " " "				1206.02	1205.66	C-0.3	1206.20	STK. & Tin

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 78

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 4315 PG. 79
Map No.	JN 9940.02 Tape Std 60 °F
Office Work	Surveyed by P Beasley
Checked	Notes P.A.B. Date Sept. 3, 1974
Date	Indexed

JN 9940.02

Castaic Lake Afterbay

Bld. Cor. for Comfort Sta.

Grade's for comfort sta

N 364,881.00

E 815,000.00

Beasley

Boxeth

Wensel

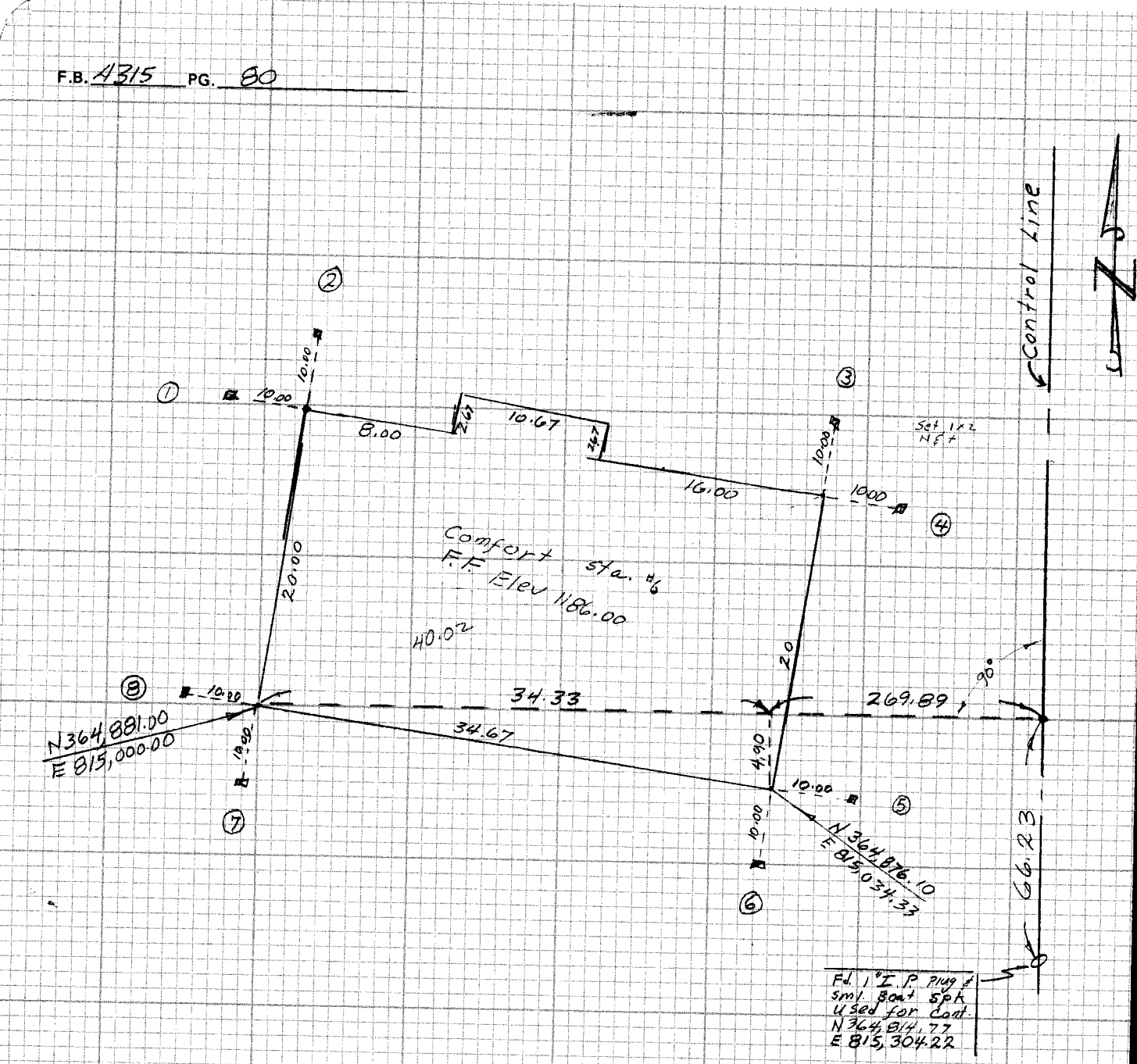
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 80



Station	Elev	Grade	Cut or Fill	
① W.NW Cor	1185.23	1186.00	F. 0.77	SPK
② NNW "	1185.12	1186.00	F. 0.88	" "
③ NNE "	1185.44	1186.00	F. 0.56	1x2 & N&F
④ ENE "	1185.92	1186.00	F. 0.08	" "
⑤ ESE "	1185.70	1186.00	F. 0.30	" "
⑥ SSE "	1185.21	1186.00	F. 0.79	SPK
⑦ SSW "	1185.45	1186.00	F. 0.55	" "
⑧ WSW "	1185.25	1186.00	F. 0.75	" "

BM CA 47 1204.05 1" I.P. with cmt. Plug & sml. Boat SPK N 364,814.77 E 815,304.22 F.B. 4316-11

CE 310
76F3095, 173

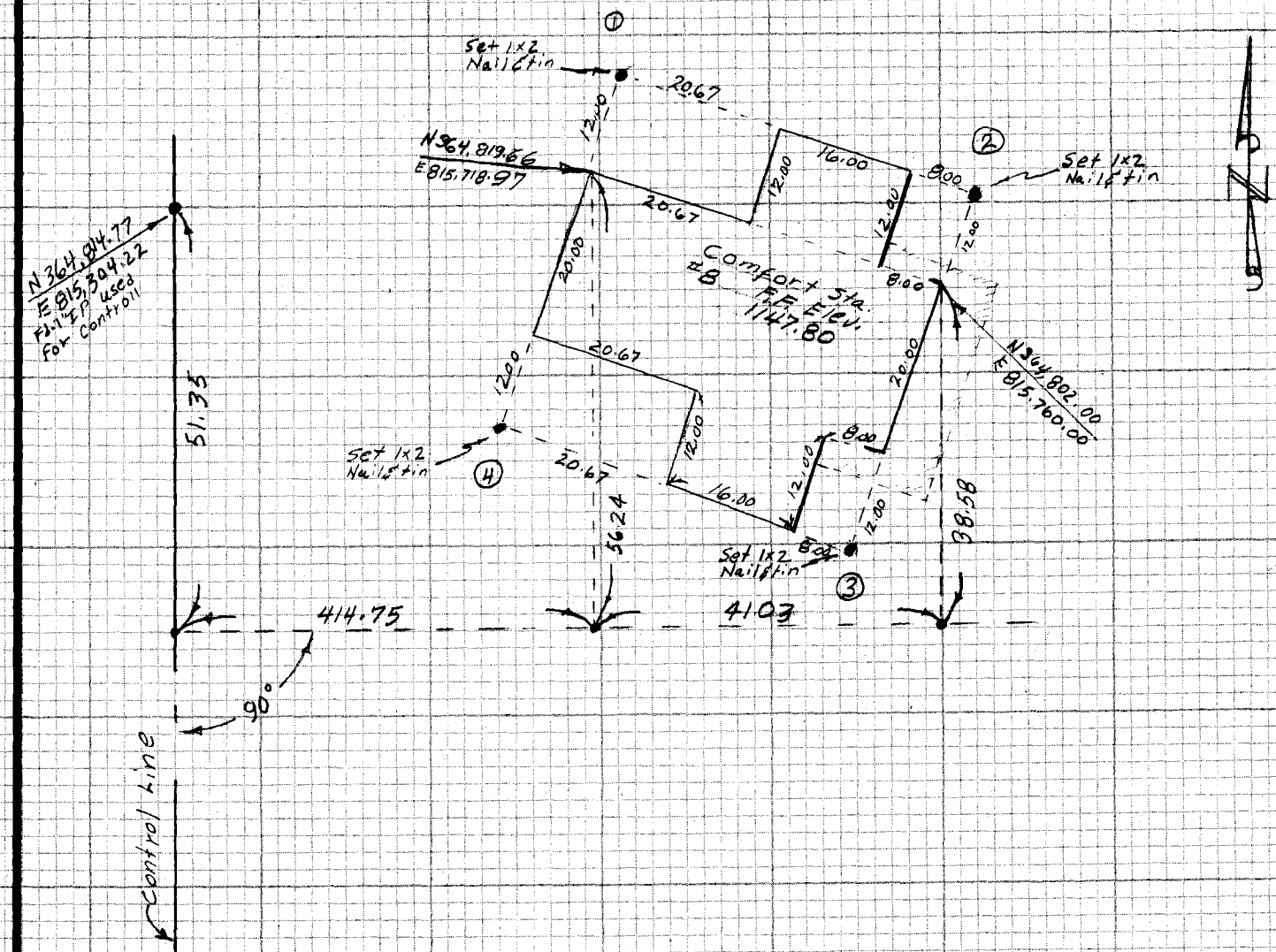
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay
Map No.	JN ____ Tape ____ Std ____ °F
Office Work	Surveyed by
Checked	Notes ____ Date
Date	Indexed

F.B. 4315 PG. 81



Sta.	Elev	F.F. Grade	Cut or Fill	
1	1147.03	1147.80	F 0.77'	1x2 Nail & tin
2	1147.01	1147.80	F 0.79'	" "
3	1146.71	1147.80	F 1.09'	" "
4	1147.01	1147.80	F 0.79'	" "

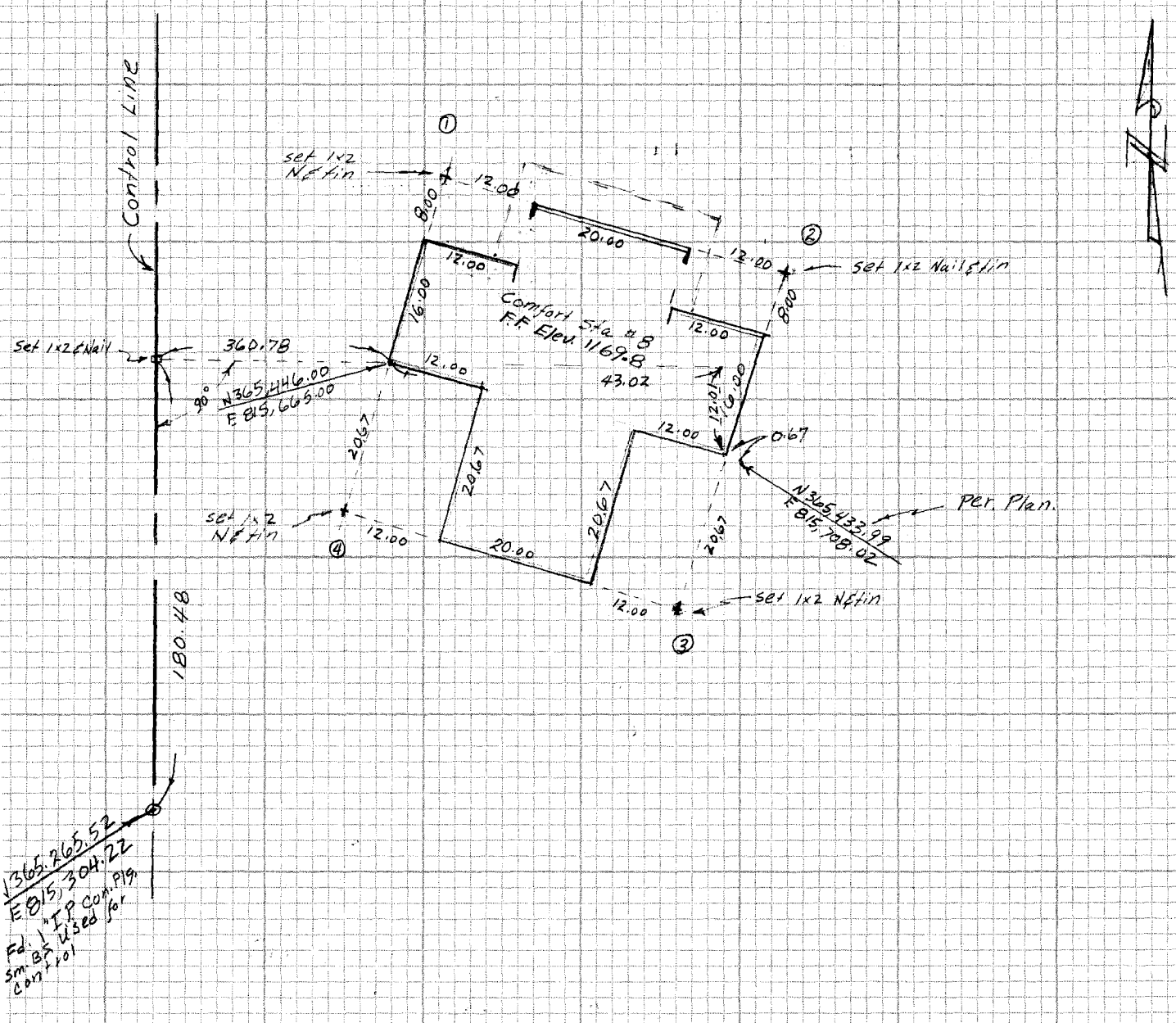
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 82



Sta	Elev.	Grade F.F.	Cut or Fill	
①	1169.96	1169.80	C - 0.16	set 1x2 Nail & tin
②	1169.87	1169.80	C - 0.07	" " " "
③	1169.78	1169.80	F - 0.02	" " " "
④	1169.78	1169.80	F - 0.02	" " " "
BM C.A. #41	1158.287			1" IP sm. Bt spk. FB 4316 - 9

CE 310
76F3095 [illegible]3

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

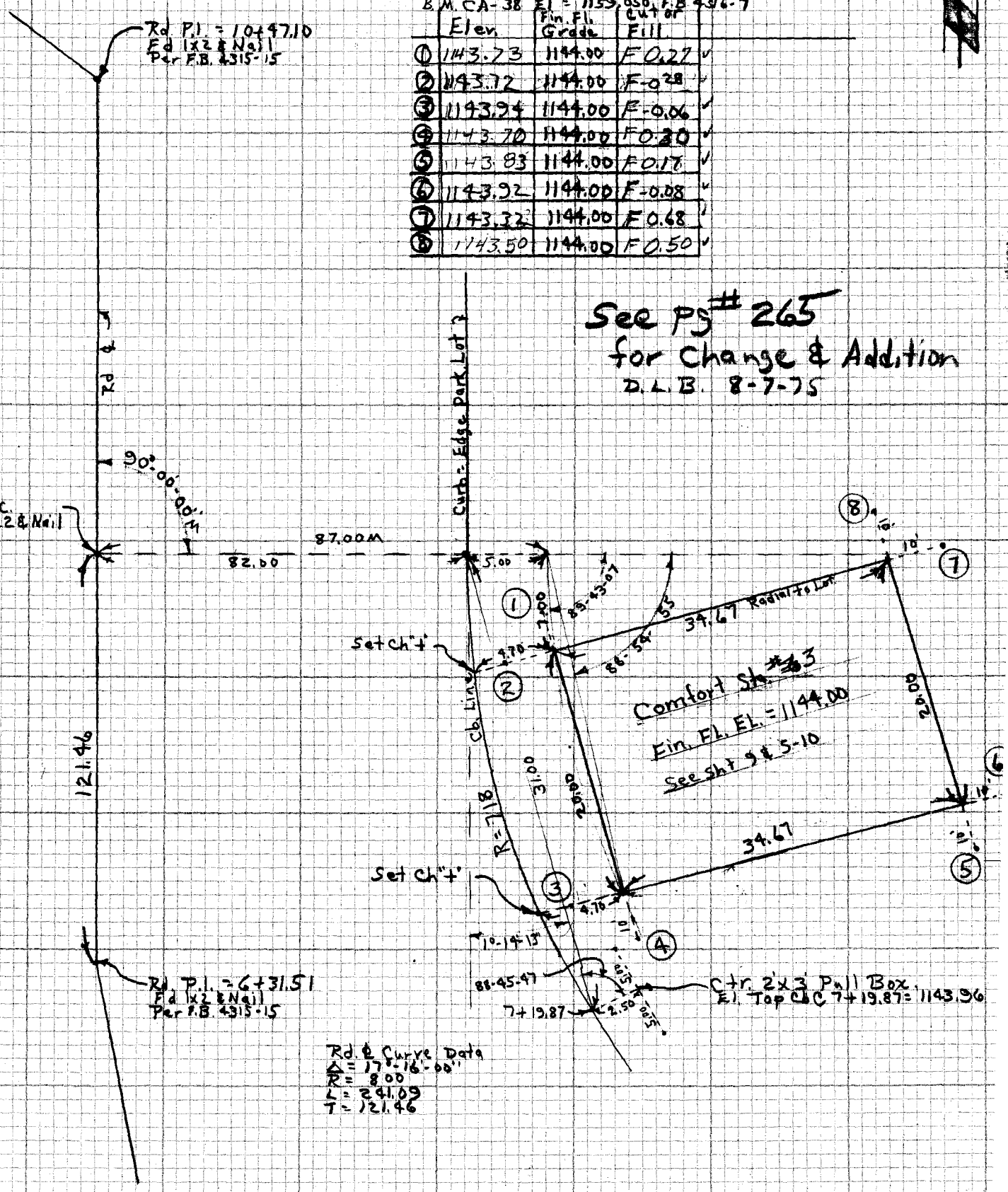
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

43.92

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 4315 PG. 83
Map No.	JN 2340.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes Date 10-10-74
Date	Indexed

BM. CA-36, El. = 1143.536, F.B. 4316-7
B.M. CA-38 El = 1159.050, F.B. 4316-7

	Elev.	Fin. Fl. Grade	Cut or Fill
1	1143.73	1144.00	F 0.27 ✓
2	1143.72	1144.00	F 0.28 ✓
3	1143.94	1144.00	F 0.06 ✓
4	1143.70	1144.00	F 0.30 ✓
5	1143.83	1144.00	F 0.17 ✓
6	1143.92	1144.00	F 0.08 ✓
7	1143.32	1144.00	F 0.68 ✓
8	1143.50	1144.00	F 0.50 ✓



See Pg # 265
for Change & Addition
D.L.B. 8-7-75

Rd. & Curve Data
Δ = 178-16-00"
R = 8.00
L = 241.09
T = 121.46

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

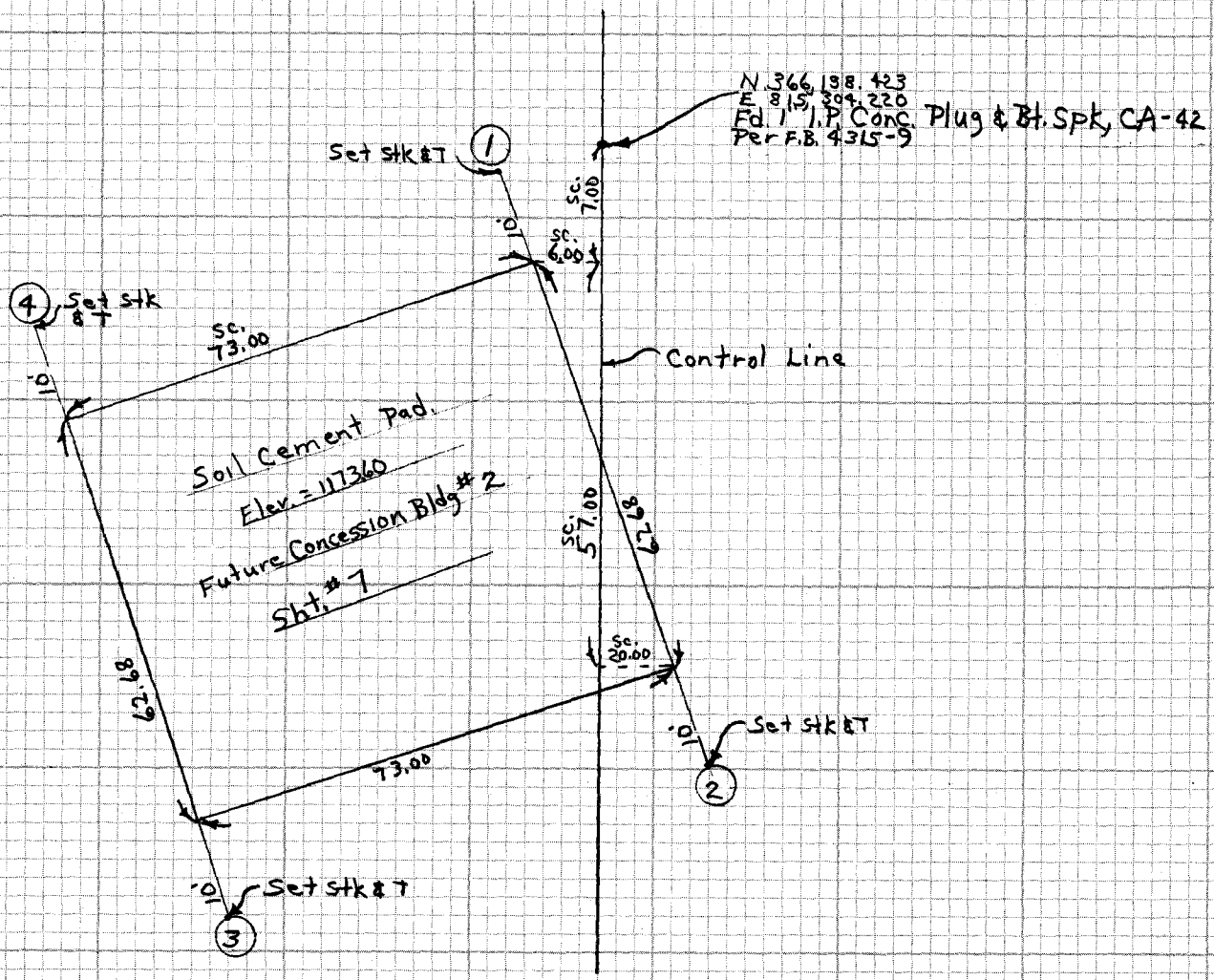
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 84

Location & Grade for recompaction (Soil Cement Pad) of Future Concession Bldg. # 2 (L.A. Co. No. C180 N.I.C.) Sht # 7 @ So. end Parking Lot. (Scaled Location)



B.M. CA-42, El. = 1173.851, Per. F.B. 4316-9, 1" I.P. & Bt. Spk.

	Elev.	Finish Surface.	Bot. Excav.	Cut to Bot. Excav.	Cut or Fill to Fin. Surf.
1	[illegible]	1173.60	1161.00	13.12	C 0.52
2	1170.90	1173.60	1161.00	9.90	F 2.70
3	1172.45	1173.60	1161.00	11.45	F 1.15
4	1172.90	1173.60	1161.00	11.90	F 0.70

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

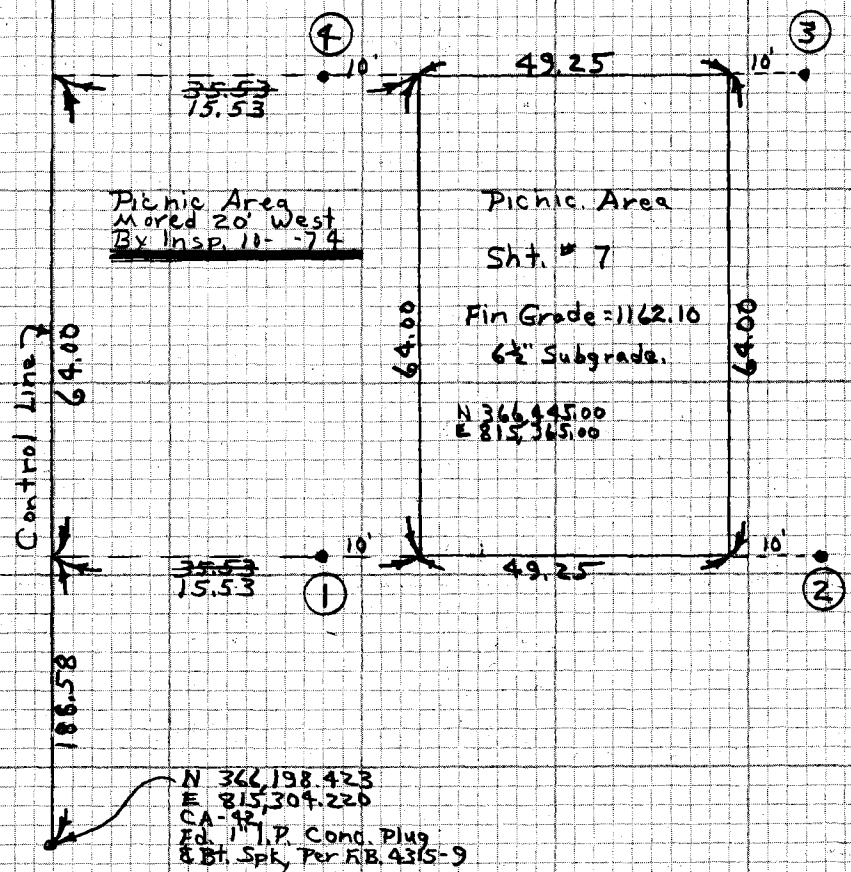
Do not ex[illegible] notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Aftorbay
Map No.	JN 3940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-12-74
Date	Indexed

F.B. 4315 PG. 85

Rough Grade for Picnic Area
N. 366,395.000
E 815,365.000 Sht. # 7



TBM El: 1172.31, F.B. 4315-9, Bt. Spk No. Side Cottonwood

Sta	Elev.	Fin Grd.	6½ Sub-Grade	9-12-74 Cut or Fill to Sub Grade	Elev. 11-3-74	C or F. To Sub Grd. 11-3-74
1	1164.10	1162.10	1161.56	C- 2.54 ✓	1166.90	C- 5.34 ✓
2	1151.61	1162.10	1161.56	F. 9.94 ✓	11 5734	F 4.22 ✓
3	1143.37	1162.10	1161.56	F 18.19 ✓	11 47.42	F 14.14 ✓
4	1161.33	1162.10	1161.56	F 0.23 ✓	1164.27	C 2.71 ✓

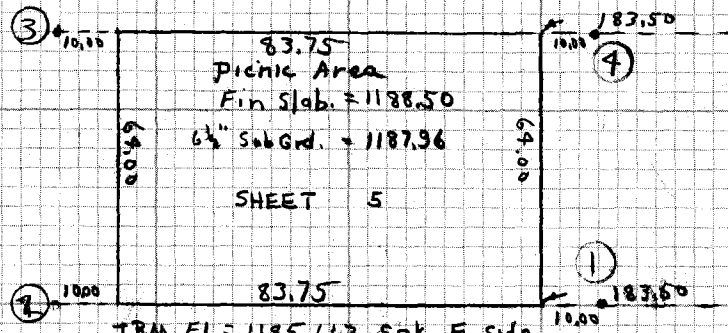
NOTE: CONC SLABS WERE MOVED ~~AN ADDITIONAL 10' WEST~~ TO BETTER FIT PAD ON 12-30-74
M.R.N.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

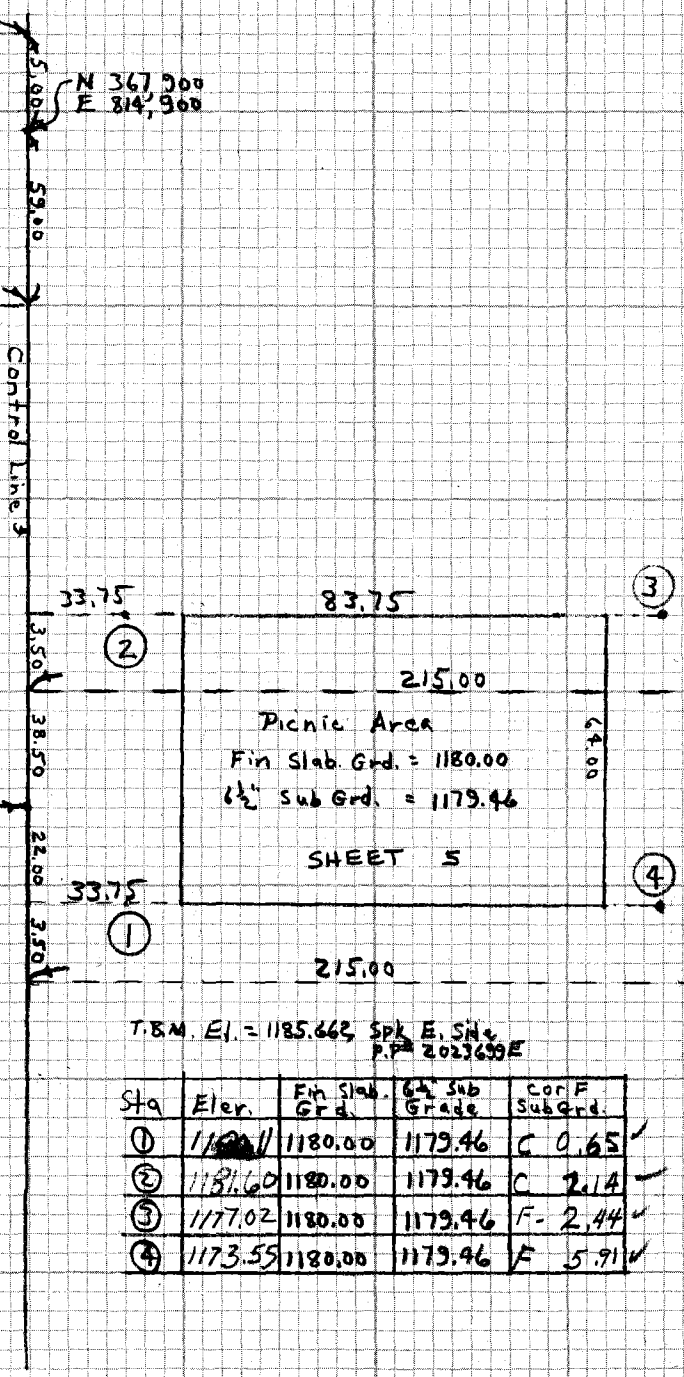
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73



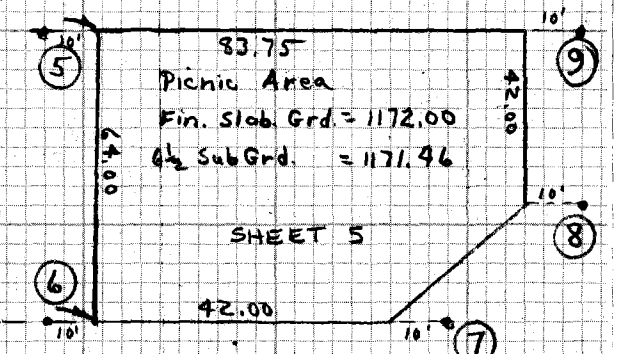
T.B.M. El. = 1185.662 Spk. E. side P.R # 2023699E

Sta	Elev.	Fin Grd.	6½" Sub Grade	Cor F Sub Grd.
1	1185.72	1188.50	1187.96	F 1.54
2	1188.95	1188.50	1187.46	C 1.49
3	1189.75	1188.50	1187.46	C 2.29
4	1187.31	1188.50	1187.46	F 0.15



T.B.M. El. = 1185.662 Spk. E. Side P.R # 2023699E

Sta	Elev.	Fin Slab. Grd.	6½" Sub Grade	Cor F Sub Grd.
1	1179.11	1180.00	1179.46	C 0.65
2	1181.60	1180.00	1179.46	C 2.14
3	1177.02	1180.00	1179.46	F- 2.44
4	1173.55	1180.00	1179.46	F 5.91



BM. CA-63 El. = 1176.379 F.B. 4316-152 1" I.P. Conc. & Nail

Sta	Elev.	Fin Slab. Grd	6½" Sub Grd.	Cor F Sub Grd.
5	1175.18	1172.00	1171.46	C 3.72
6	1173.29	1172.00	1171.46	C-1.83
7	1170.74	1172.00	1171.46	F 0.72
8	1170.35	1172.00	1171.46	F 1.11
9	1170.94	1172.00	1171.46	F 0.52

F.B. 4315 PG. 86

CE 310
76F-3096 4/73

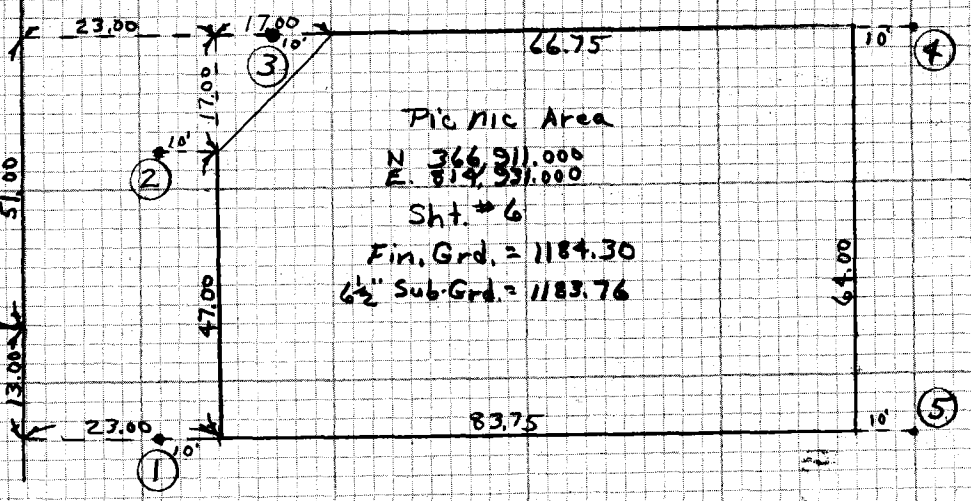
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not ext notes this side of this line

Notes Ck'd by	Survey of Castaic Lake Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-13-74
Date	Indexed

F.B. 4315 PG. 87



BM CA-44, El. = 1193.044, F.B. 4316-10, 1" I.P. Conc. plug & Bt. Spk.

Sta	Elev.	Fin. Slab Grade	6½ Sub Grade	C or F to Sub Grd.
1	1193.16	1184.30	1183.76	C-9.40
2	1186.04	1184.30	1183.76	C-2.28
3	1185.93	1184.30	1183.76	C-2.17
4	1181.11	1184.30	1183.76	F-2.65
5	1181.09	1184.30	1183.76	F-2.67

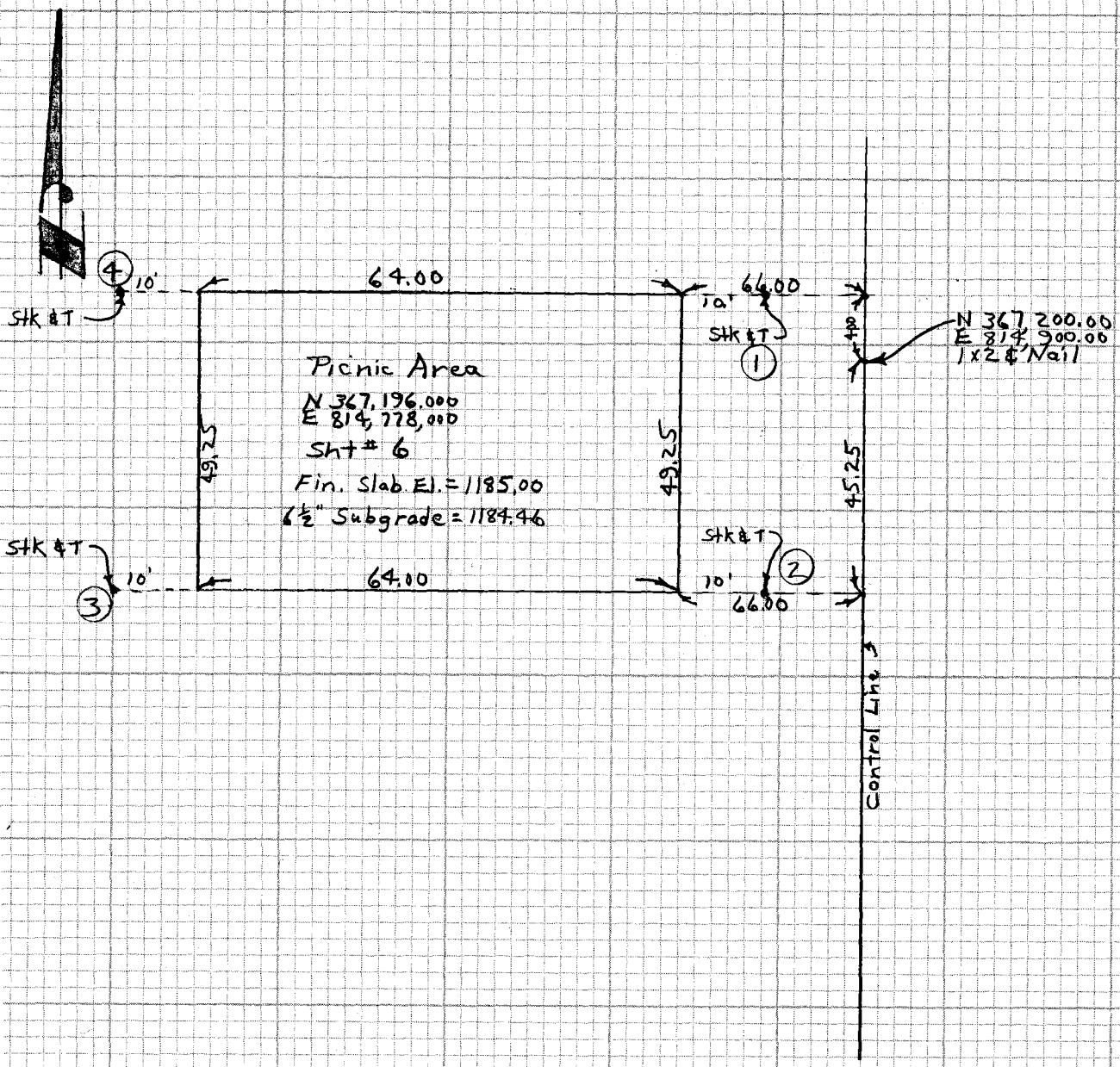
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 88



BM CA-44, El. = 1193.044, F.B. 4316-10, 1" I.P. Conc. plug & Bt. Spk.

Sta	Elev.	Fin Slab. Grade.	6½" Sub Grade.	cut or Fill to Subgrade.
1	1185.08	1185.00	1184.46	C 0.62
2	1186.00	1185.00	1184.46	C 1.54
3	1185.24	1185.00	1184.46	C 0.78
4	1184.71	1185.00	1184.46	C 0.25

CE 310
76F3095-4/73

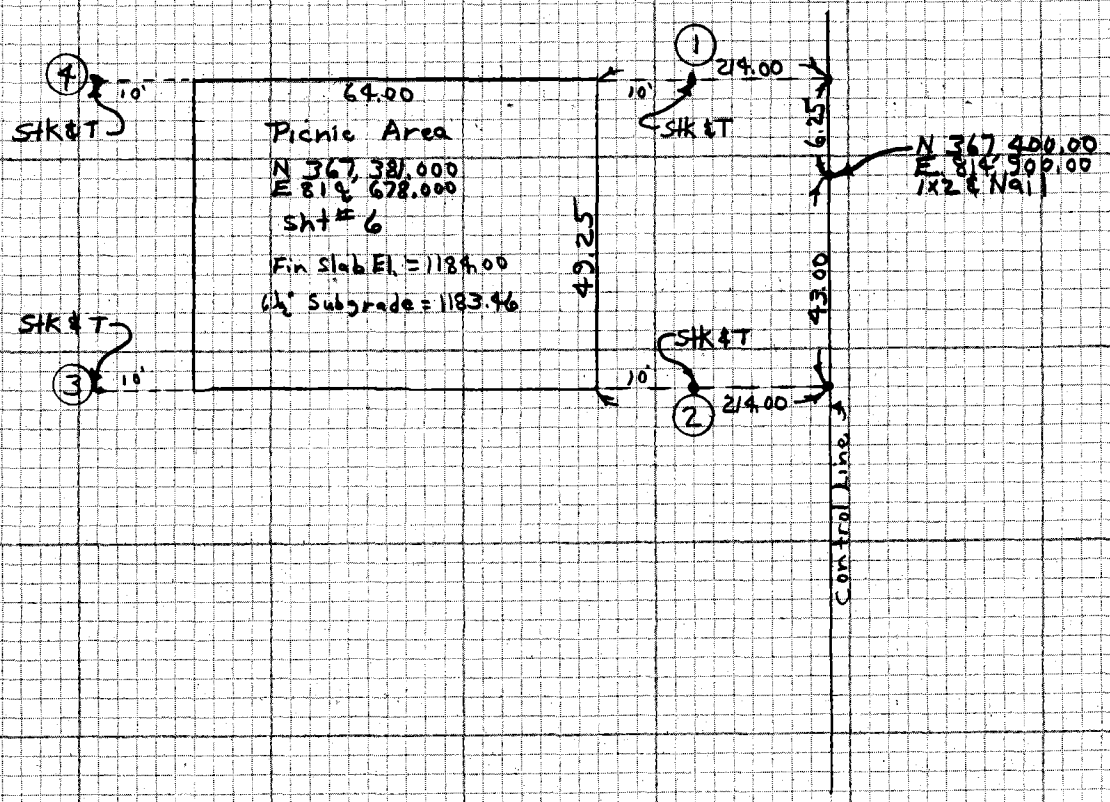
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-12-74
Date	Indexed

F.B. 4315 PG. 89



BM. CA-63, El. = 1176.374, F.B. 4316-152, 1" I.P. Conc. plug & Copper Nail

Sta.	Elev.	Fin Slab Grade	Cl Sub-Grade	Cut or Fill to Sub Grd
1	1183.29	1184.00	1183.46	F-0.17 ✓
2	1184.84	1184.00	1183.46	C 1.38 ✓
3	1188.36	1184.00	1183.46	C-4.90 ✓
4	1184.46	1184.00	1183.46	C-1.00 ✓

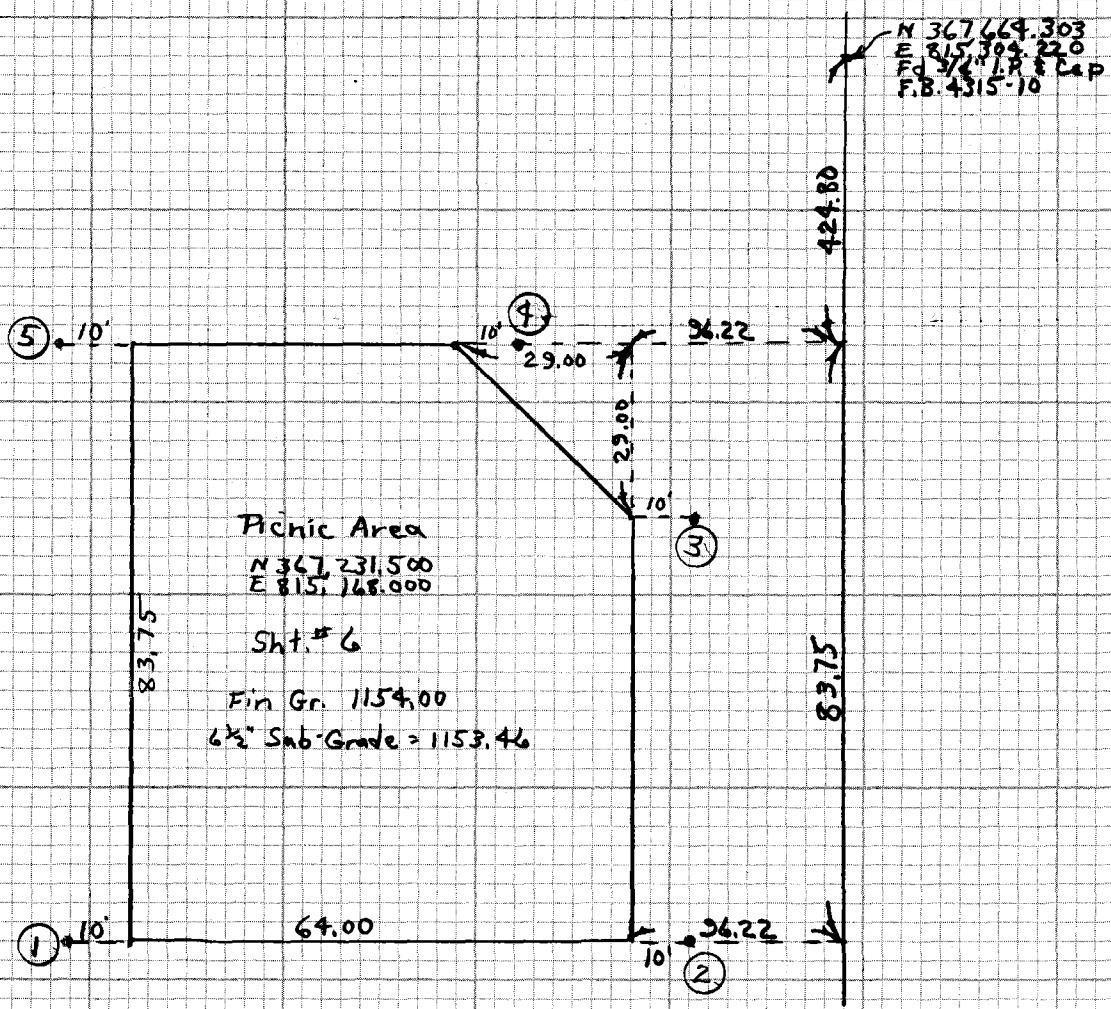
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 90



T.B.M. El. = 1172.305, Bt. Spk No. Side Cottonwood Tree.

Sta	Elev.	Fin Slab Grade	6½ Sub-Grade	C or F to Sub Grd	
1	1163.25	1154.00	1153.46	C-9.79	✓
2	1151.12	1154.00	1153.46	F2.34	✓
3	1145.18	1154.00	1153.46	F8.28	✓
4	1145.50	1154.00	1153.46	F7.96	✓
5	1153.32	1154.00	1153.46	F0.14	✓

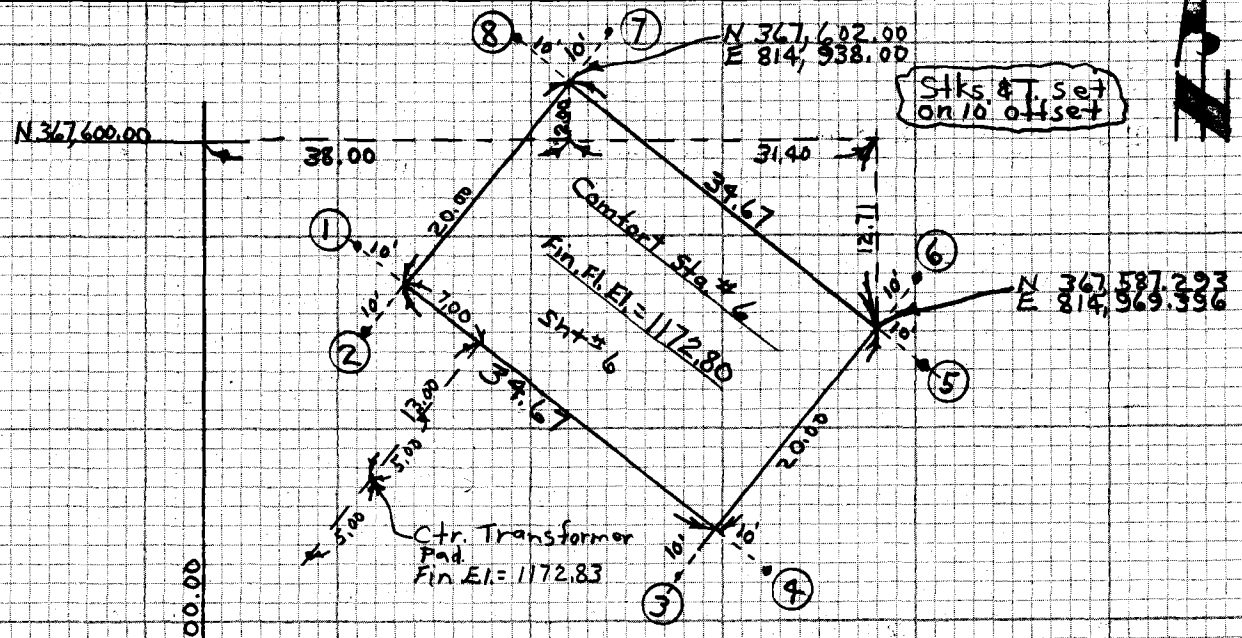
CE 310
76F3095-A/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 4315 PG. 91
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-13-74
Date	Indexed



BM CA-63, El. = 1176.374, F.B. 4316-152, 1" I.P. Conc plug & Nail

Sta	Elev	Fin. Fl. Grade	Cut or Fill to Fin. Fl. Gr
1	1174.60	1172.80	C - 1.80 ✓
2	1174.31	1172.80	C - 1.51 ✓
3	1172.57	1172.80	F - 0.23 ✓
4	1170.87	1172.80	F - 1.93 ✓
5	1171.44	1172.80	F - 1.36 ✓
6	1172.87	1172.80	C - 0.07 ✓
7	1174.85	1172.80	C - 2.05 ✓
8	1174.91	1172.80	C - 2.11 ✓

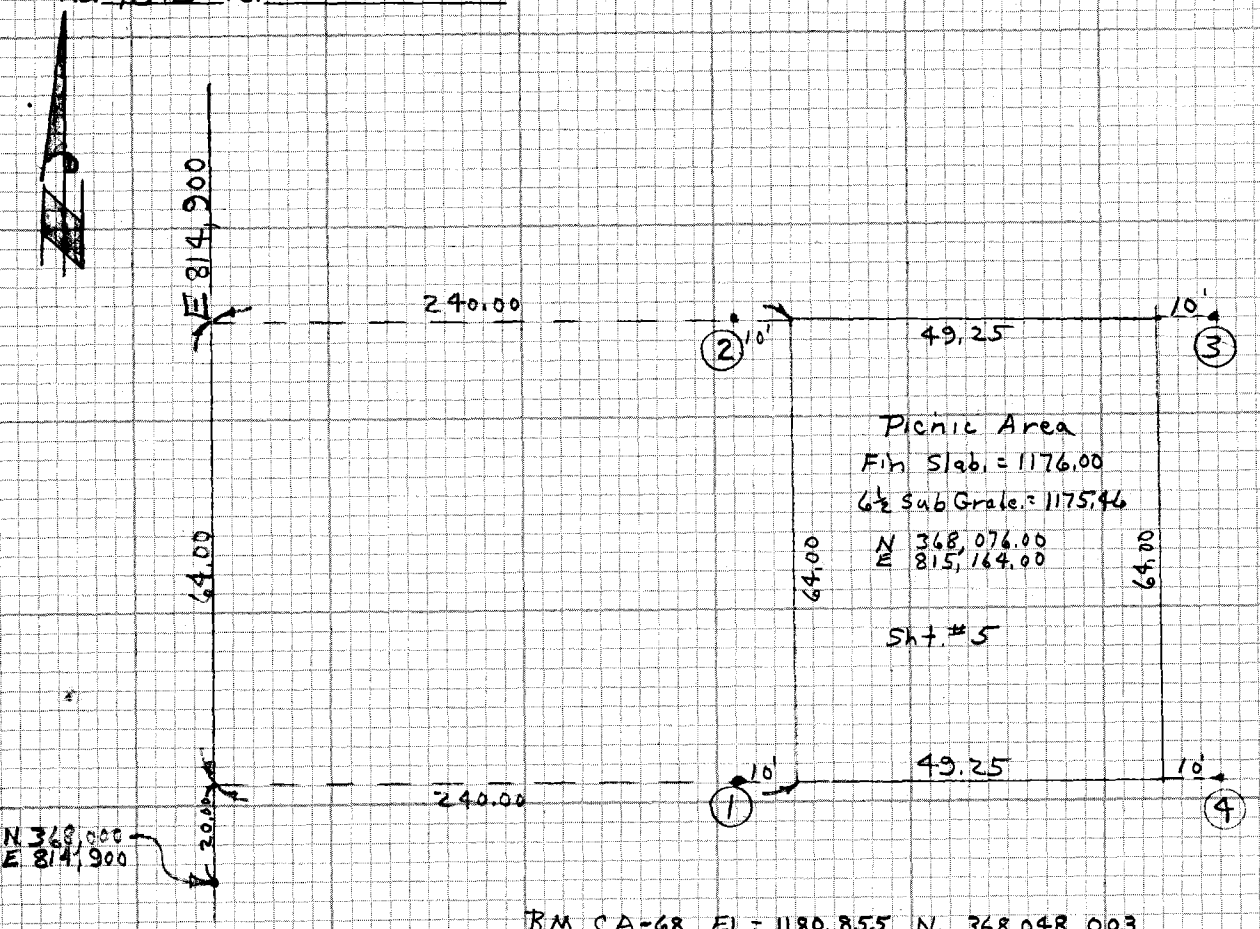
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 92



B.M. CA-68 El. = 1180.855 N. 368,048.003
1" I.P. & Spk. E. 815,304.220

Sta	Elev.	Fin. Slab Grd.	6½ Sub Grd.	C or F Sub Grd.	
1	1180.64	1176.00	1175.46	C 5.18	✓
2	1184.11	1176.00	1175.46	C 8.65	✓
3	1176.27	1176.00	1175.46	C 0.81	✓
4	1178.44	1176.00	1175.46	C 2.98	✓

CE 310
76F3095-4173

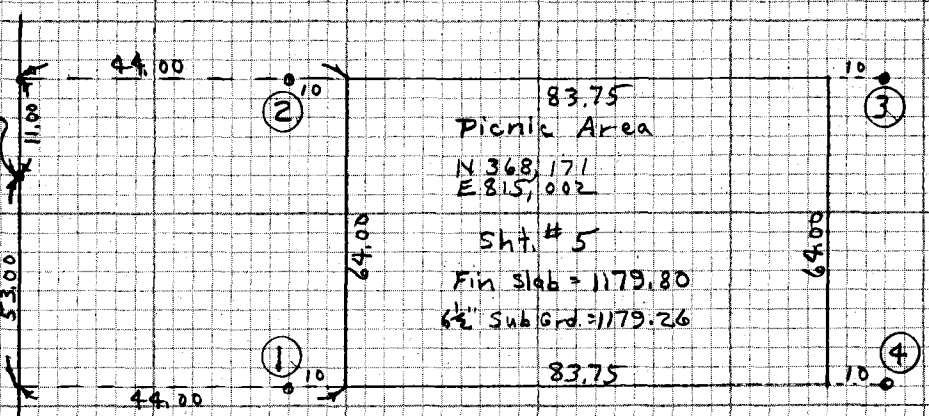
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

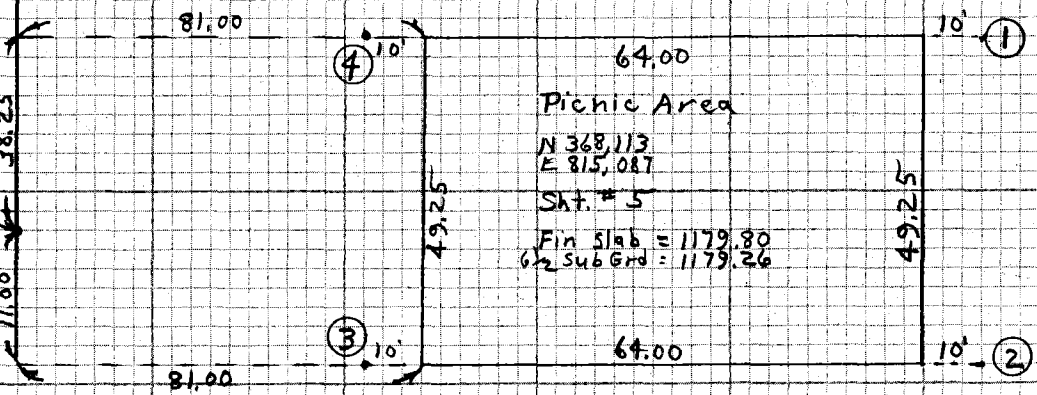
Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-18-74
Date	Indexed

F.B. 4315 PG. 93



BM. CA.-67, El. = 1185.831
N 368,100
E 814,900
1" I.P. & Spk.

Sta	Elev.	Fin Slab Grade	6½" Sub Grade	C or F Sub Grd.
1	1180.33	1179.80	1179.26	C 1.07
2	1179.94	1179.80	1179.26	C 0.68
3	1178.82	1179.80	1179.26	F 0.44
4	1179.68	1179.80	1179.26	C 0.42



BM CA-67, El. = 1185.831
N 368,100
E 814,900
1" I.P. & Spk.

Sta	Elev.	Fin Slab. Grade	6½ Sub Grade	C or F Sub Grd.
1	1179.66	1179.80	1179.26	C 0.40
2	1179.31	1179.80	1179.26	C 0.05
3	1180.57	1179.80	1179.26	C 1.31
4	1179.53	1179.80	1179.26	C 0.27

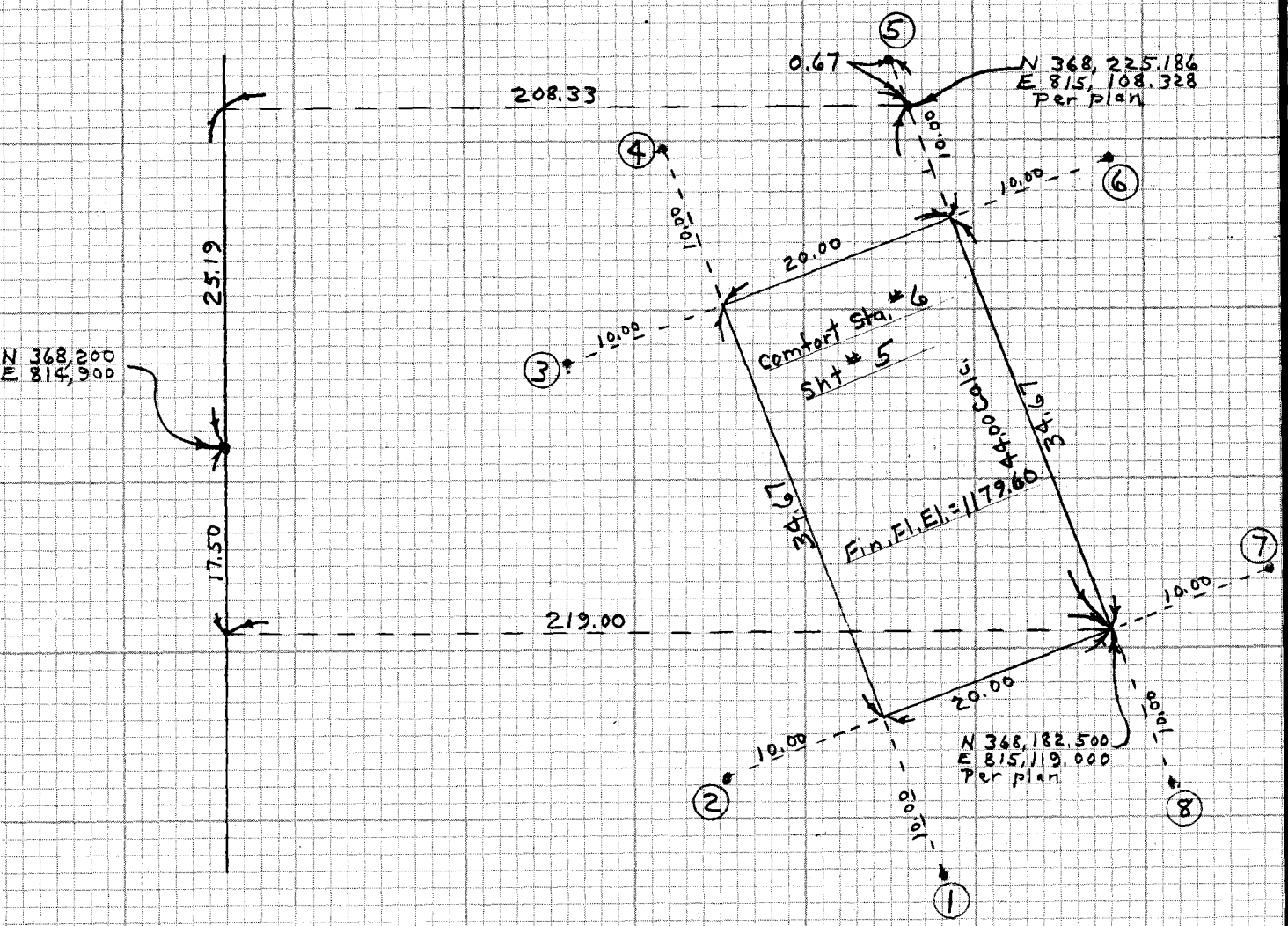
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 94



BM. CA-68 Elev. = 1180.855 N. 368,048.003
1" I.P. & Spk. E 815,304.220

Sta	Elev	Fin Fl. Elev	C or F Fin Fl.	
1	1178.55	1179.60	F 1.05	✓
2	1179.77	1179.60	C 0.17	✓
3	1178.96	1179.60	F 0.64	✓
4	1178.75	1179.60	F 0.85	✓
5	1178.65	1179.60	F 0.95	✓
6	1178.55	1179.60	F 1.05	✓
7	1178.68	1179.60	F 0.92	✓
8	1178.62	1179.60	F 0.98	✓

CE 310
76F3095-4/73

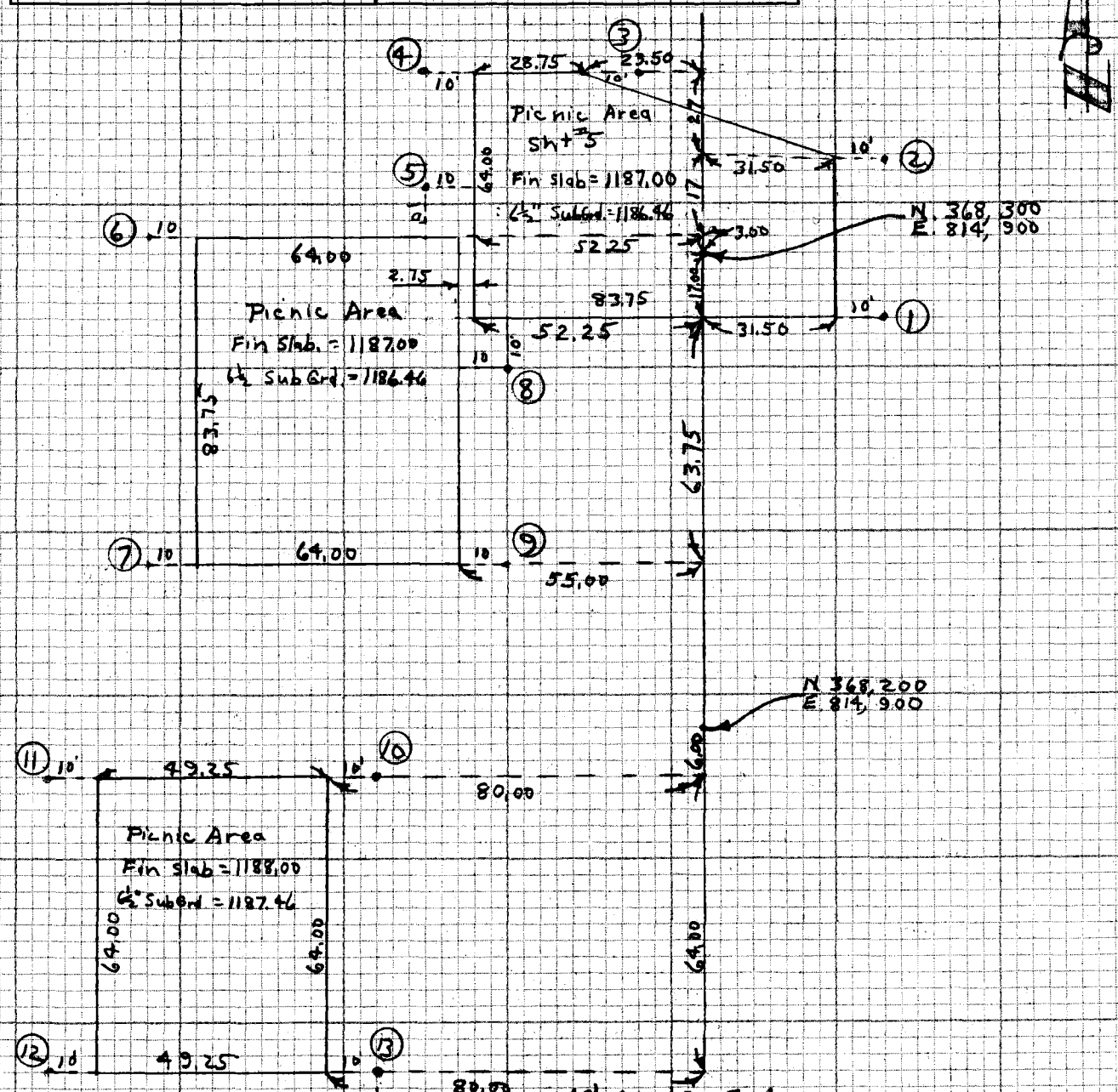
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
#03 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exte notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-74
Date	Indexed

F.B. 4315 PG. 95



BM CA-67 El. = 1185.831
N 368,100
E 814,900
1" I.P. & Spk

Sta	Elev.	Fin Slab Grade	6½ Sub Grade	C or F Sub Grd.
1	1183.23	1187.00	1186.46	F 3.23
2	1184.78	1187.00	1186.46	F 1.68
3	1187.62	1187.00	1186.46	C 1.16
4	1189.60	1187.00	1186.46	C 3.14
5	1188.70	1187.00	1186.46	C 2.24
6	1191.38	1187.00	1186.46	C 4.92
7	1190.10	1187.00	1186.46	C 3.64
8	1187.19	1187.00	1186.46	C 0.73
9	1186.95	1187.00	1186.46	C 0.49
10	1187.65	1188.00	1187.46	C 0.19
11	1190.21	1188.00	1187.46	C 2.75
12	1188.81	1188.00	1187.46	C 1.35
13	1187.35	1188.00	1187.46	F 0.11

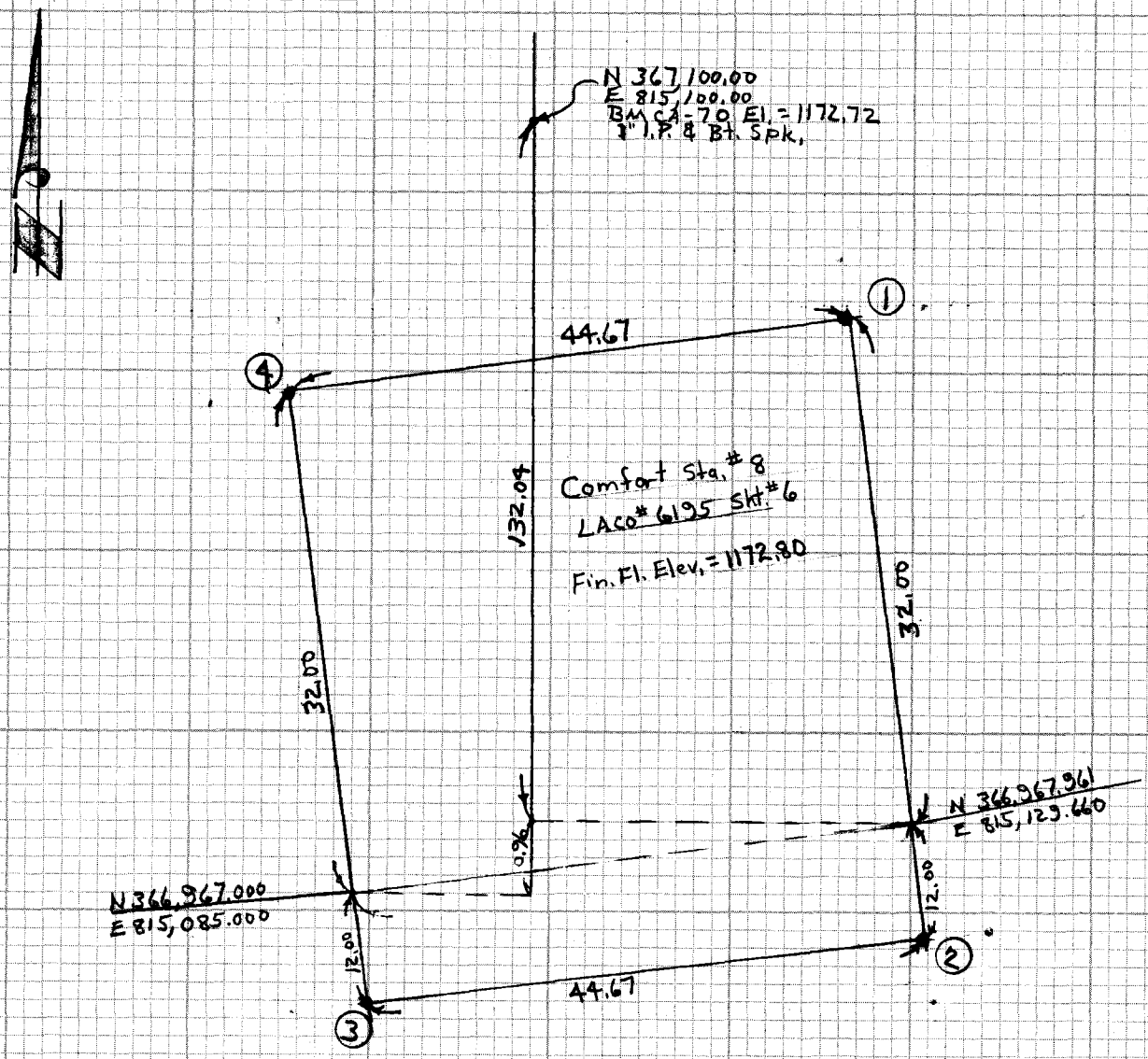
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 96



Sta	Elev.	Fin. Fl. Grade	C or F Fin. Fl.	
1	1172.34	1172.80	F 0.46	✓
2	1171.91	1172.80	F 0.89	✓
3	1172.42	1172.80	F 0.38	✓
4	1172.42	1172.80	F 0.38	✓
5	———	1172.80		
6	———	1172.80		
7	———	1172.80		
8	———	1172.80		

CE 310
76F-3095-4/73

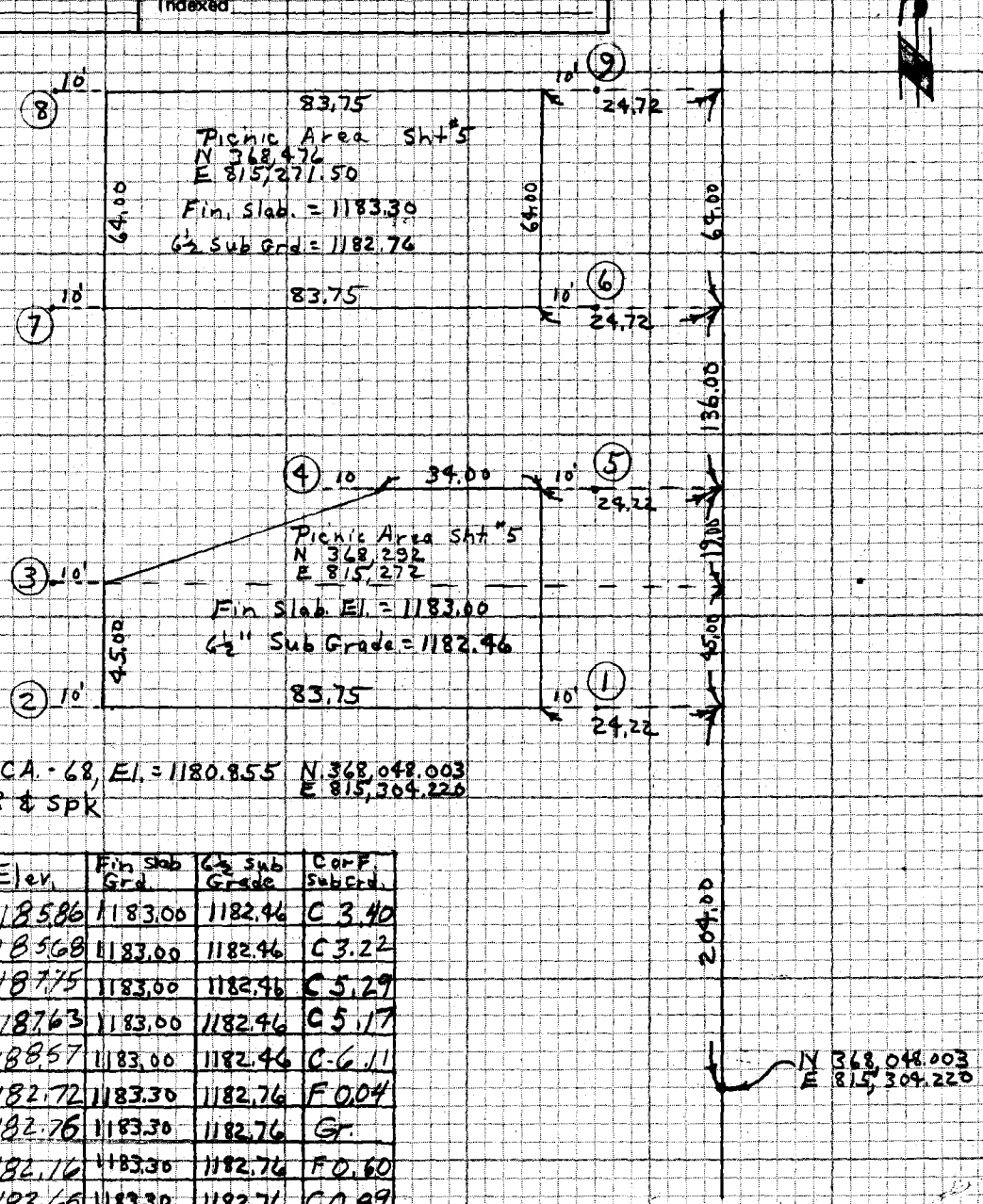
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D. L. B. Date 9-18-74
Date	Indexed

F.B. 4573 PG. 97



BM - CA - 68, El. = 1180.855 N 368,048.003
1" I.P. & Spk E 815,304.220

Sta	Elev.	Fin Slab Grd	6½ Sub Grade	C or F Subgrd.
1	1185.86	1183.00	1182.46	C 3.40
2	1185.68	1183.00	1182.46	C 3.22
3	1187.75	1183.00	1182.46	C 5.29
4	1187.63	1183.00	1182.46	C 5.17
5	1188.57	1183.00	1182.46	C 6.11
6	1182.72	1183.30	1182.76	F 0.04
7	1182.76	1183.30	1182.76	G.
8	1182.16	1183.30	1182.76	F 0.60
9	1183.65	1183.30	1182.76	C 0.89

BM-CA-12, El. = 1184.189

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403-LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. _____ PG. _____

CE 310
76F 3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 99402 SURVEY OF COSTAIC LAKE AFTERBAY F.B. 4315 PG. 99

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY JGR DATE 16-SEP-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

COMFORT STA. Nº 8

L.A.Co. Nº 6195

SHT. 6 OF 37

ROUGH GRADE

RANDALL
JONES
MANLEY
KEISNER

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

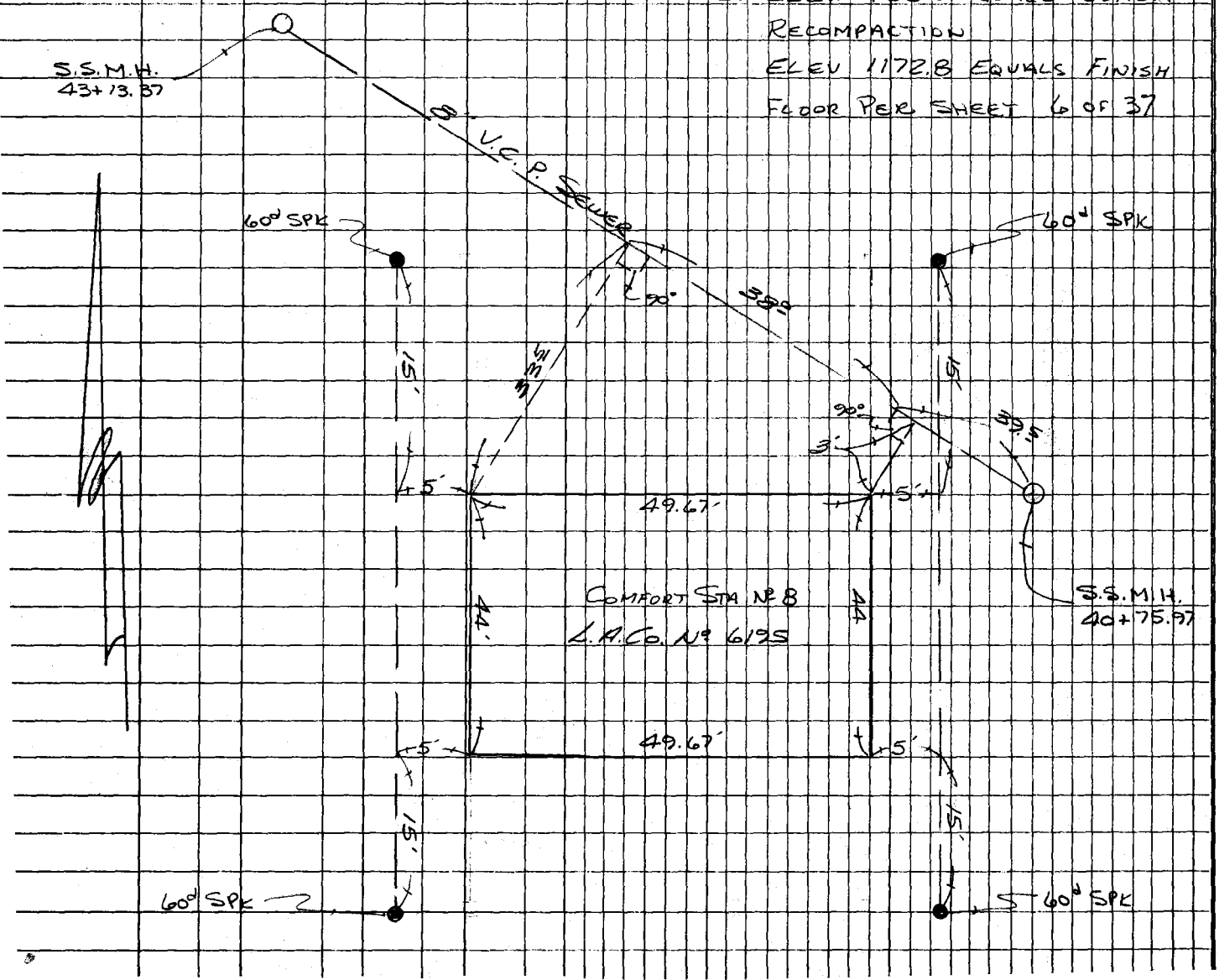
PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 100

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.
SURVEY BY RANDALL DATE
NOTES BY JGR DATE 16-SEP-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.			
T.B.M.				1172.31	SEE F.B. 4316-9 (COTTONWOOD TREE)		
	COMFORT STA. Nº 8 L.A. Co. Nº 6195						
					GRADE	C/F	
N.E. COR				1167.89	1165.0	C 2.89	NORTH OFFSET STK. 10'
" "					1172.8	F 4.91	" " " "
N.W. COR				1174.92	1165.0	C 9.92	" " " "
" "					1172.8	C 2.12	" " " "
S.W. COR				1175.63	1165.0	C 10.63	SOUTH " " "
" "					1172.8	C 2.83	" " " "
S.E. COR				1168.19	1165.0	C 3.19	" " " "
" "					1172.8	F 4.61	" " " "

NOTE: ELEV. 1165.0 EQUALS BOTTOM OF RECOMPACTION
ELEV 1172.8 EQUALS FINISH FLOOR PER SHEET 6 OF 37



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY F.B. 4315 PG. 101

DATE _____ SURVEY BY RANDACL

NOTES CHKD. _____ NOTES BY JGR DATE 17-SEP-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

RECOMPACTED PAD
FOR FUTURE CONCESSOIN BLD'G L.A.Co. Nº 6183 (N.I.C.)
WEST SIDE AFTERBAY

SOUTH & EAST OF N 368,000.00 E 814,900.00

DISTANCES SCALED FROM SHT. 5 OF 37

RANDACL
JONES
MANCLEY
KEISUER

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 102

JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay NOTES RED. ____

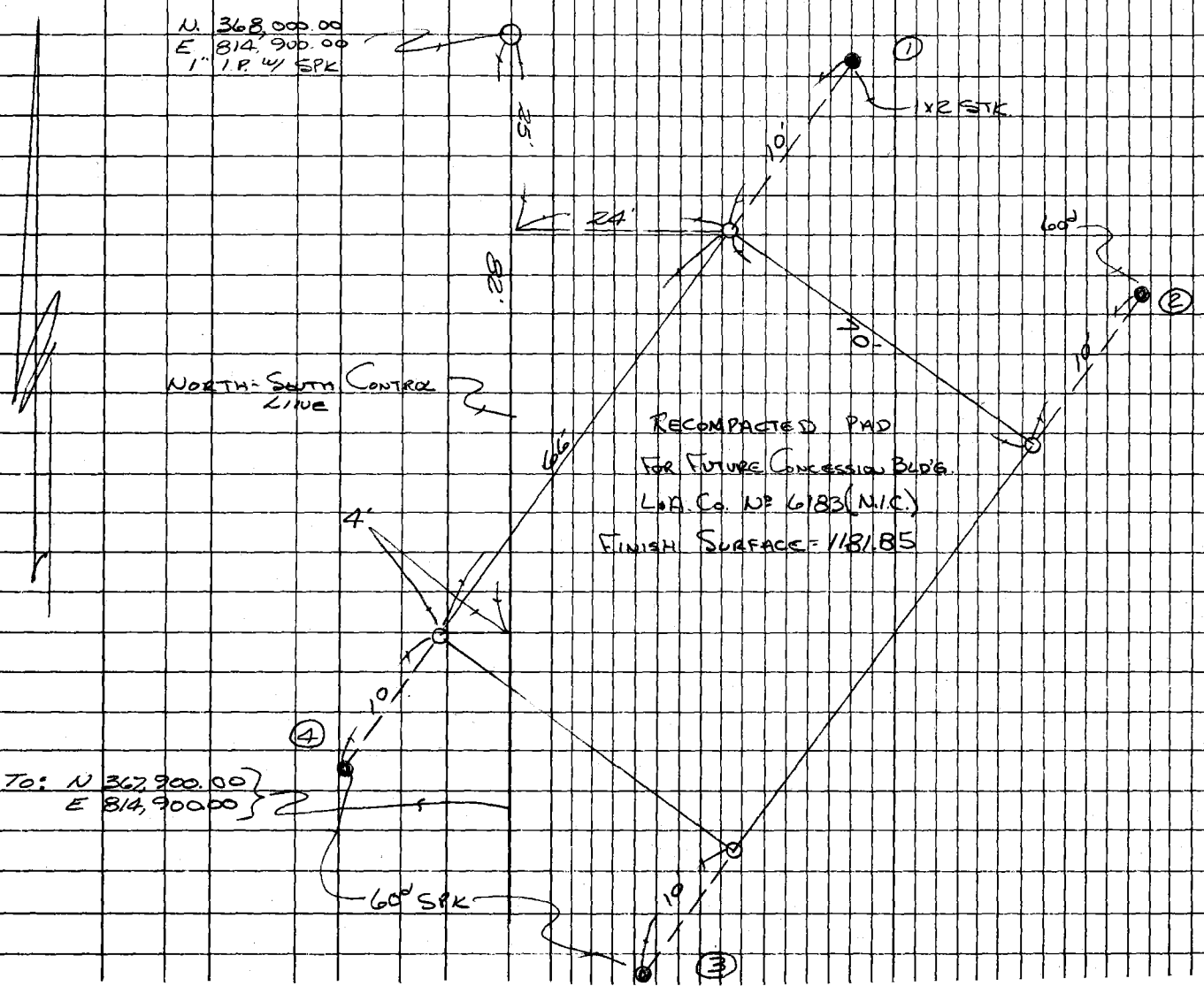
SURVEY BY Randall DATE ____

NOTES BY JGR DATE 17-Sep-74 NOTES CHKD. ____

INDEXED ____ DATE ____ DATE ____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/F	
3M CA 67				1185 83	See F.B. 4316 -		
N.W. Cor ①				1181 22	1180.00	C 1.22	North offset Stk 10'
" "				1181 22	1181.85	F 0.63	" " " "
N.E. Cor ②				1181 77	1180.00	C 1.77	" " " "
" "				1181 77	1181.85	F 0.08	" " " "
S.E. Cor. ③				1181 62	1180.00	C 1.62	South offset Stk "
" "				1181 62	1181.85	F 0.23	" " " "
S.W. Cor ④				1182 57	1180.00	C 2.57	" " " "
" "				1182 57	1181.85	C 0.72	" " " "
CA 67				1185 83			

Note: Elev. 1180.00 Equals Botton of Recompaction
Elev 1181.85 = Sub Grade



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY

F.B. 4315 PG. 103

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY JGR DATE 18-SEP-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

COMFORT STATION Nº 8
L.A. CO. Nº 6196

SEE SHT 7 OF 37

FINISH FLOOR ELEVATION
1149.33

RANDALL
JONES
MANLEY
KEISNER

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

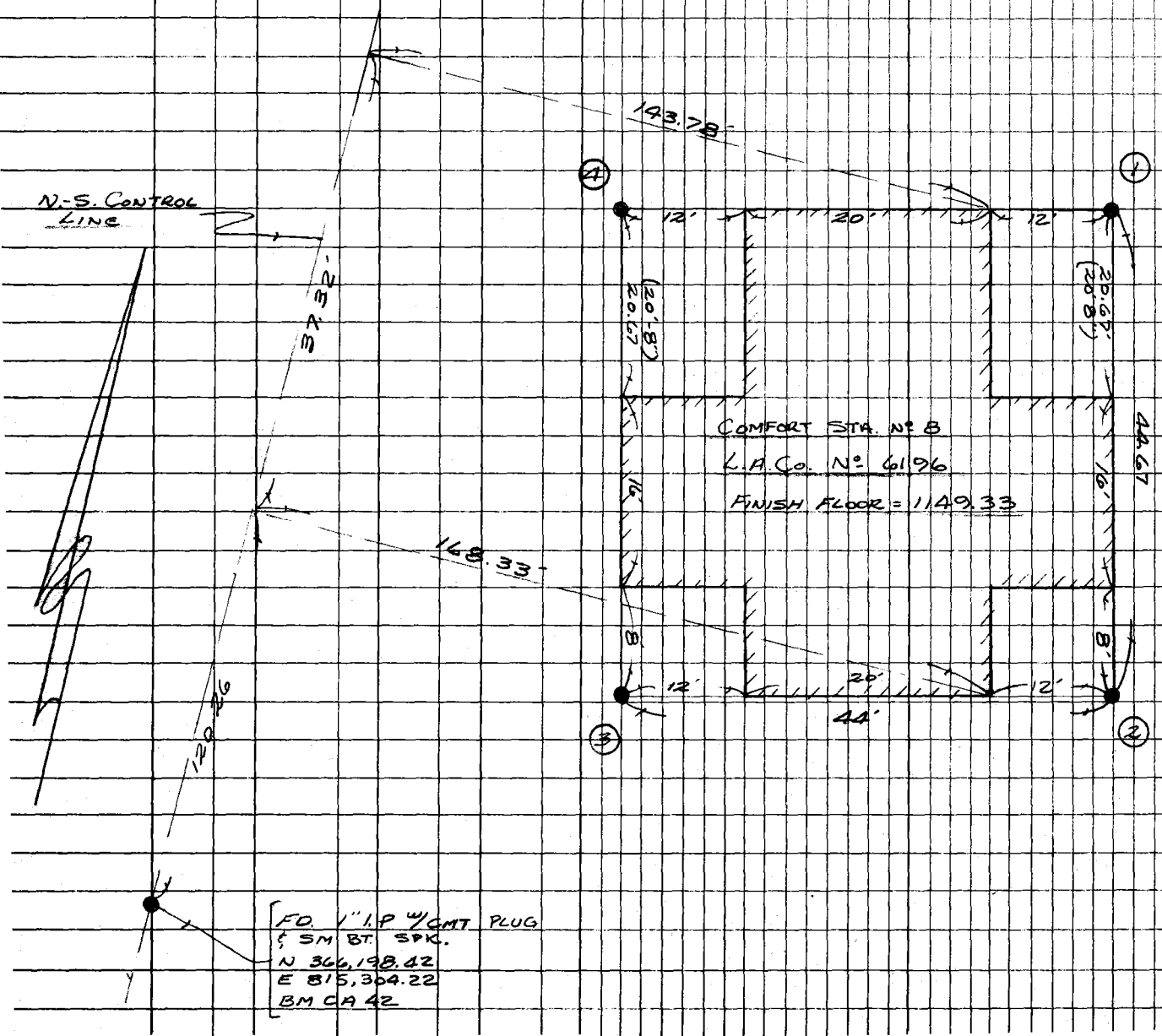
F.B. 4315 PG. 104

JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay NOTES RED.
SURVEY BY Randall DATE
NOTES BY JGR DATE 18-Sep-'74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
BM CA 42				1173.85	See F.B. 4316-9	
					GRADE	C/F
N.E. Cor. ①				1146.14	1149.33	F3.19
S.E. Cor. ②				1147.28	1149.33	F2.05
S.W. Cor. ③				1149.21	1149.33	F0.12
N.W. Cor. ④				1149.17	1149.33	F0.16

Restake Sep. 24
GRADE = F.F. 1149.33

Sta	Elev	Grade F.F.	C-F
①	1147.98	1149.33	F1.35
②	1148.07	1149.33	F1.26
③	1149.19	1149.33	F0.14
④	1148.98	1149.33	F0.35



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 9315 PG. 105
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes PLB Date Aug. 22. 1974
Date	Indexed

J.N. 9940.02
Castaic Lake Afterbay

Rough Grades for Comfort station
& Picnic area Top Right sheet
# 8 N 365,450 ± E 815,900 ±

Beasley
Boxeth
Wensel
Donley

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

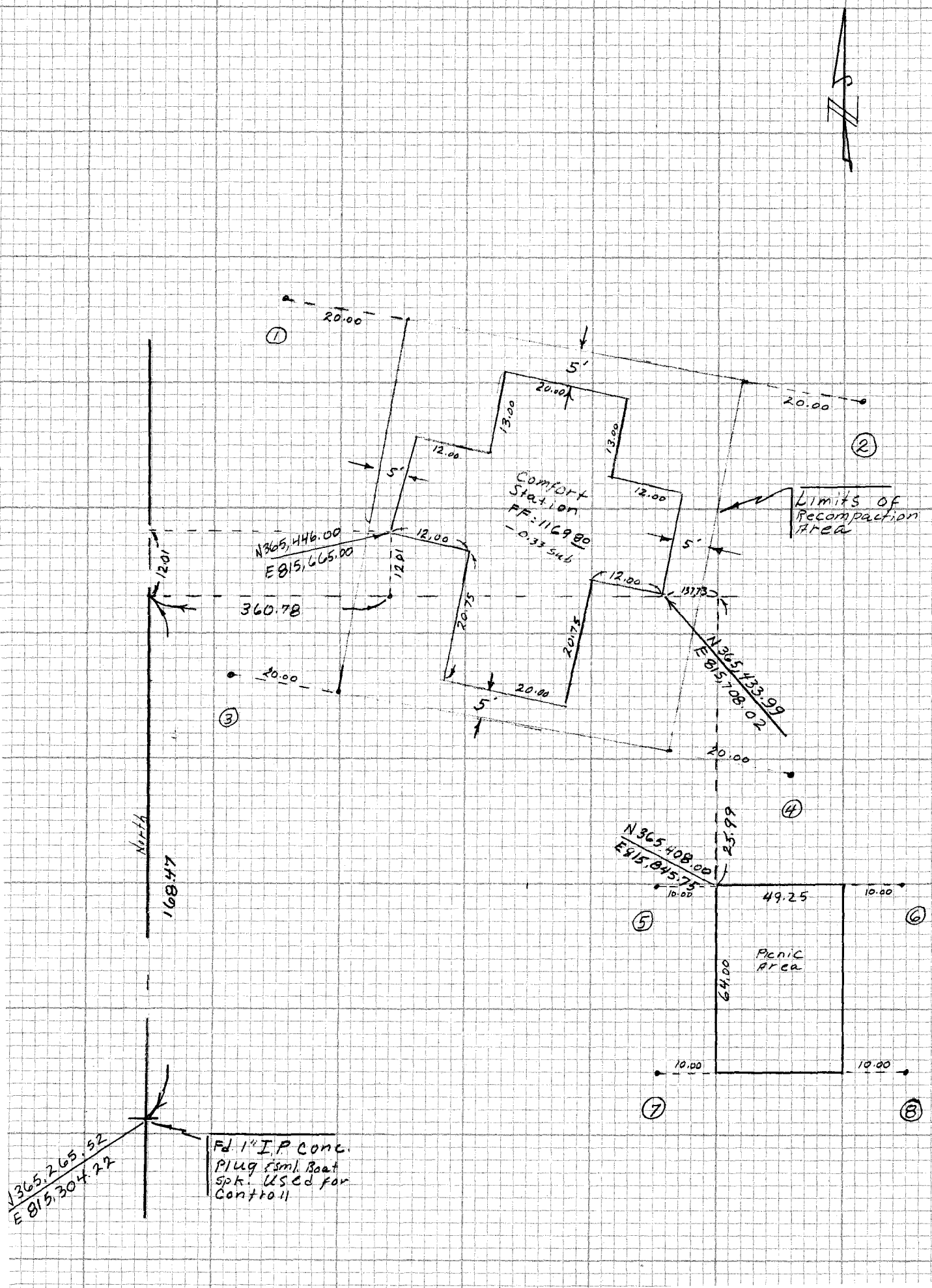
F.B. 4315 PG. 106

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE



NOTES RED. _____ JOB NO. _____ SURVEY OF Castaic Lake Afterbay F.B. 4315 PG. 107

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY PL B DATE aug 22, 1974

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.				
BM CA41				1158 29	CA41 Approx 200' West of the water Line and 200' Southly from the temp. Parking Lot at a Jog in the fence along the Westerly Edge of the Southly Swim Beach as it Existed on July 11-74 Set a 1" IP w/cmt plug & Sm Bt Spk 1' S.W'Ly from the Cor Fn. Post			
					Sub Gr	Cut or Fill	Finish Grade	Cut or Fill
① 20' off NW Cor. Comfort station				1168 69	1169.47 1162.30	F-2.78	1169.80	
② 20' off NE " " "				1166 68	1169.47	F-2.79		
③ 20' off SW " " "				1174.68	1169.47	C-5.21		
④ 20' off SE Cor Comfort st.				1172 50	1169.47	C-3.03		
⑤ 10' off NW Cor Picnic Area				1158 10	1154.62	C-3.5	1155.16	
⑥ 10' off NE " "				1152 58	1154.62	F-2.0		
⑦ 10' off SW " " "				1156 82	1154.62	C-2.2		
⑧ 10' off SE " " "				1142 75	1154.62	F-11.8		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 108

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 4316 PG. 109
Map No.	JN 9940.02 Tape Std F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-1-74
Date	Indexed

Future Concession Bldg #2

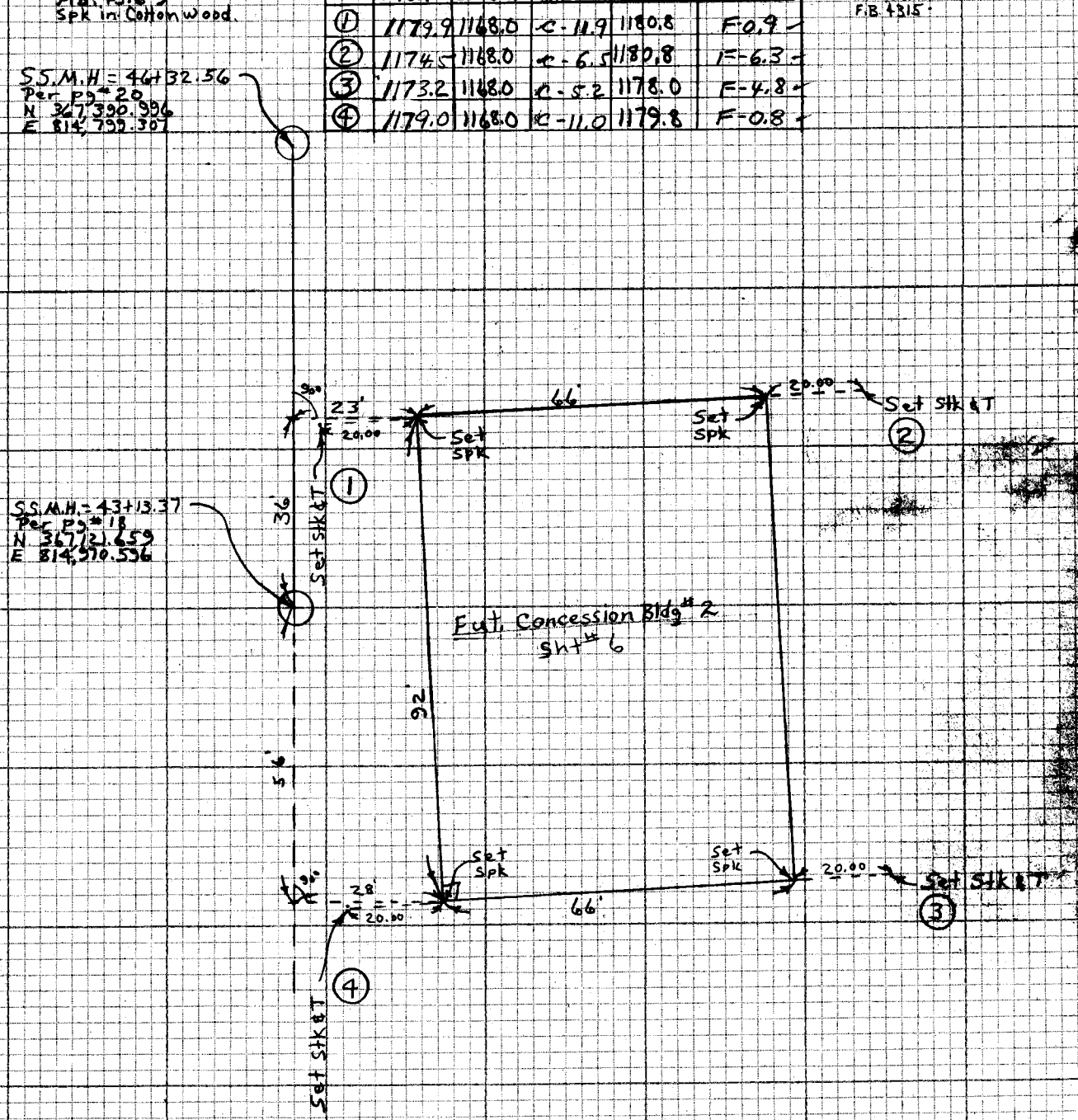
Stakes for Excavation & recompaction 8-1-74

Dimensions Scaled from Plan Sht. #6

Pick up
TBM, El = 1172.31
F.B. 4316-9
Spk in Cottonwood.

Check in
SS. Sta. 43+11.37
El. = 1179.43
F.B. 4315

	Elev.	Bot. Excav.	Cut to Bot. Excav.	Fin. Grade	Cut or Fill to Fin. Grd.
1	1179.9	1168.0	C-11.9	1180.8	F-0.9
2	1174.5	1168.0	C-6.5	1180.8	F-6.3
3	1173.2	1168.0	C-5.2	1178.0	F-4.8
4	1179.0	1168.0	C-11.0	1179.8	F-0.8



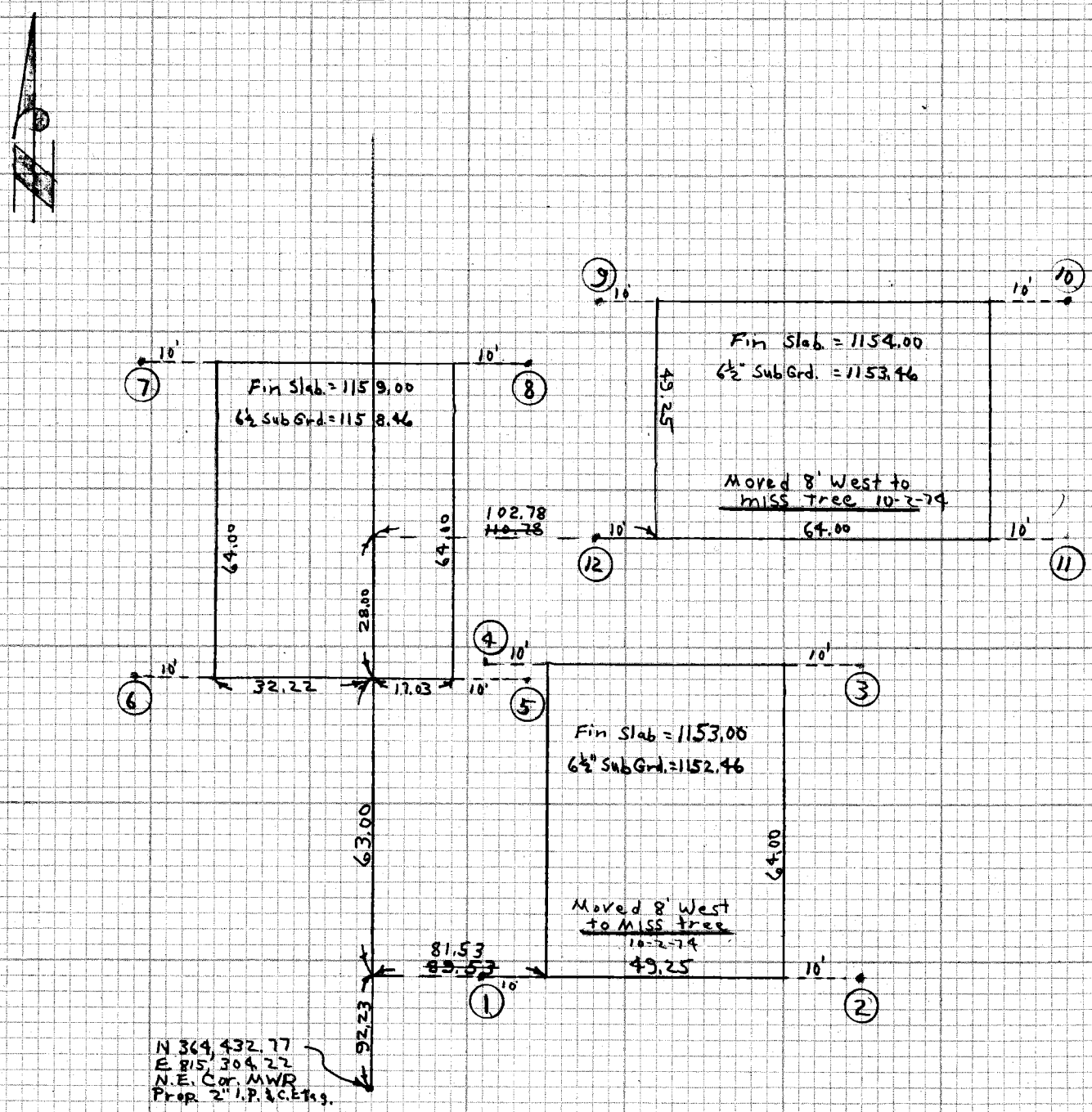
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CE 310
76F3095-4/73

F.B. 4315 PG. 110



BM CA-38, El. = 1159.05

Sta	Elev.	Fin Slab Grd.	6½ Sub Grd.	Cor F to Sub Grd.
~~1~~	~~[illegible]~~	~~1152.00~~	~~1151.46~~	~~C 0.58~~
~~2~~	~~1145.44~~	~~1152.00~~	~~1151.46~~	~~F 6.02~~
~~3~~	~~1153.60~~	~~1152.00~~	~~1151.46~~	~~C 2.14~~
~~4~~	~~1154.51~~	~~1152.00~~	~~1151.46~~	~~C 3.08~~
~~5~~	~~1155.52~~	~~1159.00~~	~~1158.46~~	~~F 2.94~~
~~6~~	~~1157.05~~	~~1159.00~~	~~1158.46~~	~~F 1.41~~
~~7~~	~~1157.73~~	~~1159.00~~	~~1158.46~~	~~F 0.73~~
~~8~~	~~1156.07~~	~~1159.00~~	~~1158.46~~	~~F 2.39~~
~~9~~	~~1154.63~~	~~1154.00~~	~~1153.46~~	~~C 1.17~~
~~10~~	~~1151.55~~	~~1154.00~~	~~1153.46~~	~~F 1.91~~
~~11~~	~~1147.53~~	~~1154.00~~	~~1153.46~~	~~F 3.93~~
~~12~~	~~1154.08~~	~~1154.00~~	~~1153.46~~	~~C 0.62~~

Sta	Elev.	Fin Slab Grd.	6½" Sub Grd.	Cor F to Sub Grd.
1	1154.20	1153.00	1152.46	C-1.74 ✓
2	1149.10	1153.00	1152.46	F-3.36 ✓
3	1153.69	1153.00	1152.46	C-1.23 ✓
4	1154.39	1153.00	1152.46	C-1.93 ✓
5	1155.53	1159.00	1158.46	F-2.93 ✓
6	1158.13	1159.00	1158.46	F-0.33 ✓
7	1157.85	1159.00	1158.46	F-0.61 ✓
8	1155.64	1159.00	1158.46	F-2.82 ✓
9	1154.28	1154.00	1153.46	C-0.82 ✓
10	1152.98	1154.00	1153.46	F-0.48 ✓
11	1152.91	1154.00	1153.46	F-0.55 ✓
12	1153.94	1154.00	1153.46	C-0.48 ✓

CE 310
76F3095-4 73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

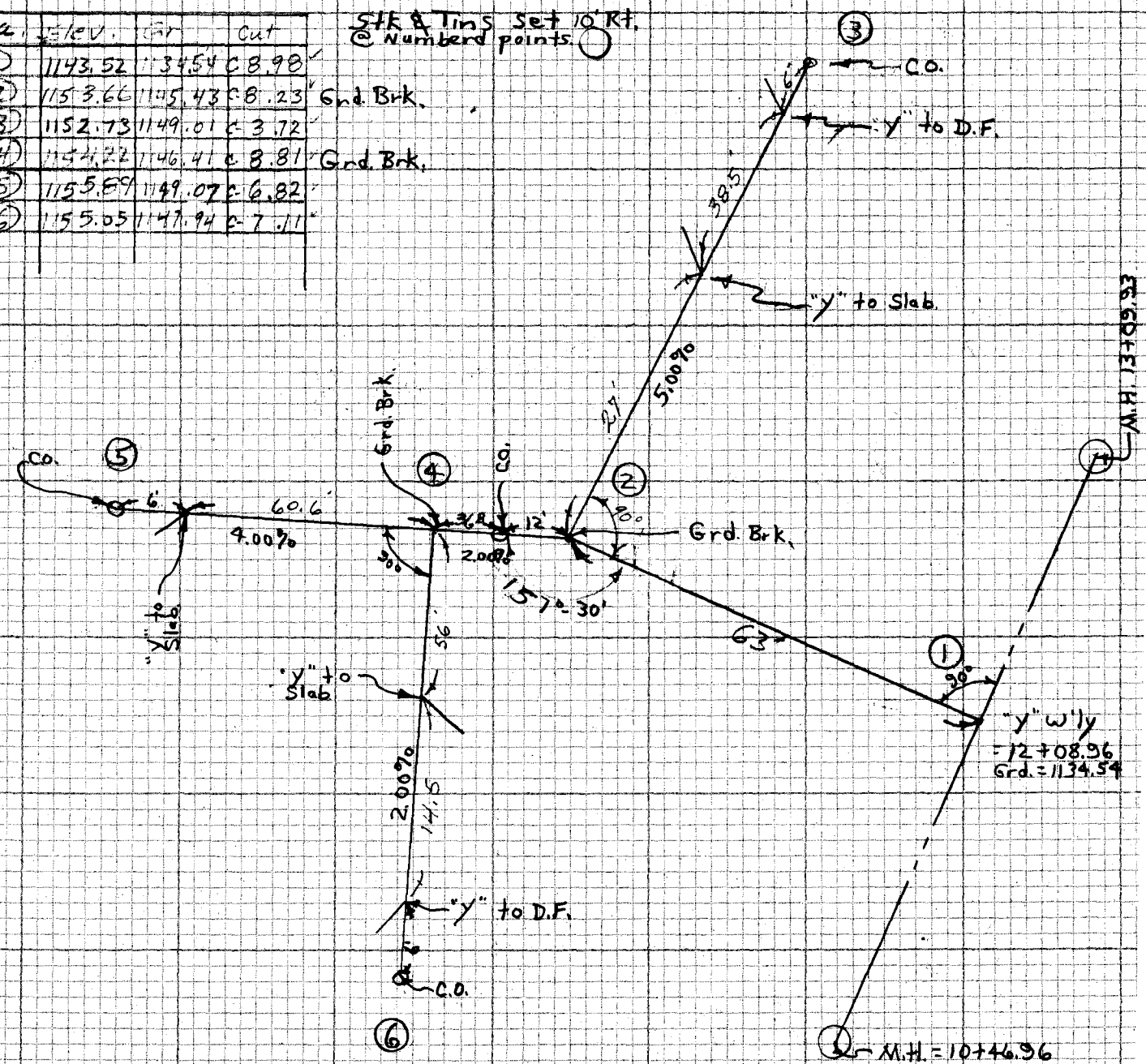
Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 10-2-74
Date	Indexed

F.B. 4315 PG. 111

Location & Grade on 4" Sewer Lateral to Picnic Areas L.A.Co.# 6274, 6256, 6257 Sht. #8

Stk & Tins set 10' Rt. @ Numberd points.

Sta.	Elev.	Gr	Cut	
1	1143.52	1134.54	C 8.98	
2	1153.66	1145.43	C 8.23	Grd. Brk.
3	1152.73	1149.01	C 3.72	
4	1154.22	1146.41	C 8.81	Grd. Brk.
5	1155.89	1149.07	C 6.82	
6	1155.05	1147.94	C 7.11	



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 112

CE 310
76F309 A 73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not ex... notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 5940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 10-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 113

STATION	B.S.	H.I.	F.S.	ELEV.	Finish Grade	Cut or Fill	
					Grades for C.B. & Trans. Pad pg# 112		
BM CA-38					BM CA-38, El. = 1159.050, F.B. 4316-7		
8+66.61	BC.			1146.10	1145.71	C 0.39	
9+00	PC VC			1146.18	1145.82	C 0.36	
36' Rt				1142.51	1143.00	F. 2.49	
53' Rt				1141.95	1141.00	C. 0.95	℄ Path
+25				1147.64	1146.19	C 1.45	
9+50				1147.12	1146.79	C 0.33	
51' Rt.				1143.18	1145.00	F 1.82	
+75				1147.42	1147.62	F 0.20	
10+00				1149.13	1148.70	C 0.43	
+25				1152.46	1150.00	C 2.46	
+50	EVC.			1152.83	1151.53	C 1.30	
+75	BVC.			1154.11	1153.17	C. 0.94	
11+00				1155.54	1154.72	C 0.82	
11+25				1156.77	1156.08	C 0.69	
1157.93	EC.			1157.27	1157.56	F 0.29	
1				1141.60	1142.26	F 0.66	To Top Cb.
2				1141.19	1142.26	F 1.07	To Top Cb.
3				1138.82	1143.00	F 4.18	To Top Conc. Slab.
4				1141.68	1143.00	F 1.32	" " " "

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 114

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY

F.B. 4315 PG. 115

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 22-AUG-'74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	

PUMP STATION Nº 1
(WEST SIDE)
BLDG. CORNERS & GRADES

SEE SHT'S. 32 & 33 OF 37

J.N. 9940.02

22-AUG 1974

REFERENCE
SHT'S 32 & 33
F.B. 4315-14

RANDALL NEVAREZ
JONES PETERSON, T.C.
KEISNER SCHERB

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

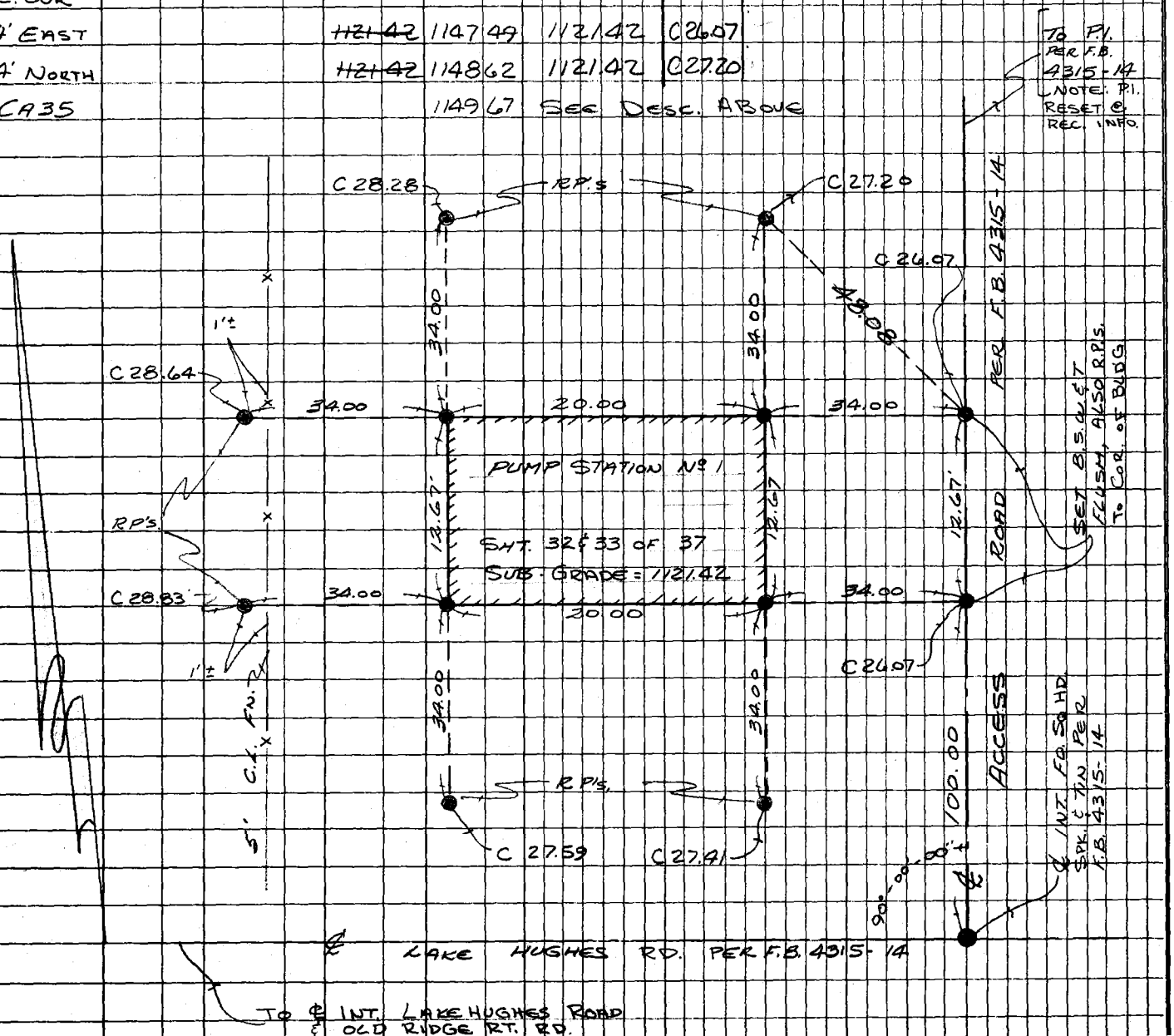
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 116

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.
SURVEY BY RANDALL DATE
NOTES BY " DATE 22-AUG-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.			
BM CA 35				1149 67	BM CA 35 ADD. ELEV. = 1149.667 PROP. COR. ANGLE PT. LAKE HUGHES RD. E'LY. R OF DEPT. OF WATER RESOURCES HDQTR'S. PROP. 50 FT. N'LY FROM THE ℄ OF LAKE HUGHES RD. A 2" I.P W/ CMT. PLUG & L.A. CO. ENG'R. TAG. F.B. 3857-20 & 85 F.B. 4316-17		
					GRADE	C/F	
N.W. COR							
34' WEST			~~1121.42~~	1150 06	1121.42	C28.64	LENKER ROD No. 25
34' NORTH			~~1121.42~~	1149 70	1121.42	C28.28	SUB-GRADE FLOOR = 1121.42
S.W. COR.							
34' WEST			~~1121.42~~	1150 25	1121.42	C28.83	
34' SOUTH			~~1121.42~~	1149 01	1121.42	C27.59	
S.E. COR.							
34' SOUTH			~~1121.42~~	1148 83	1121.42	C27.41	
34' EAST			~~1121.42~~	1147 49	1121.42	C26.07	
N.E. COR							
34' EAST			~~1121.42~~	1147 49	1121.42	C26.07	
34' NORTH			~~1121.42~~	1148 62	1121.42	C27.20	
BM CA 35				1149 67	SEE DESC. ABOVE		



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE

DATE _____ SURVEY BY R. COCKERHAM

NOTES CHKD. _____ NOTES BY R.M.C. DATE 9-24-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 117

STATION	B.S.	H.I.	F.S.	ELEV.

CASTAIC LAKE AFTERBAY

GRADE CHECK

SEWAGE PUMP STATION
NO. 1

J.N. 9940.02

Ref: SPEC. No. 3183-32

R.M. COCKERHAM
A.E. LUND
R.S. SCHERB

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 118

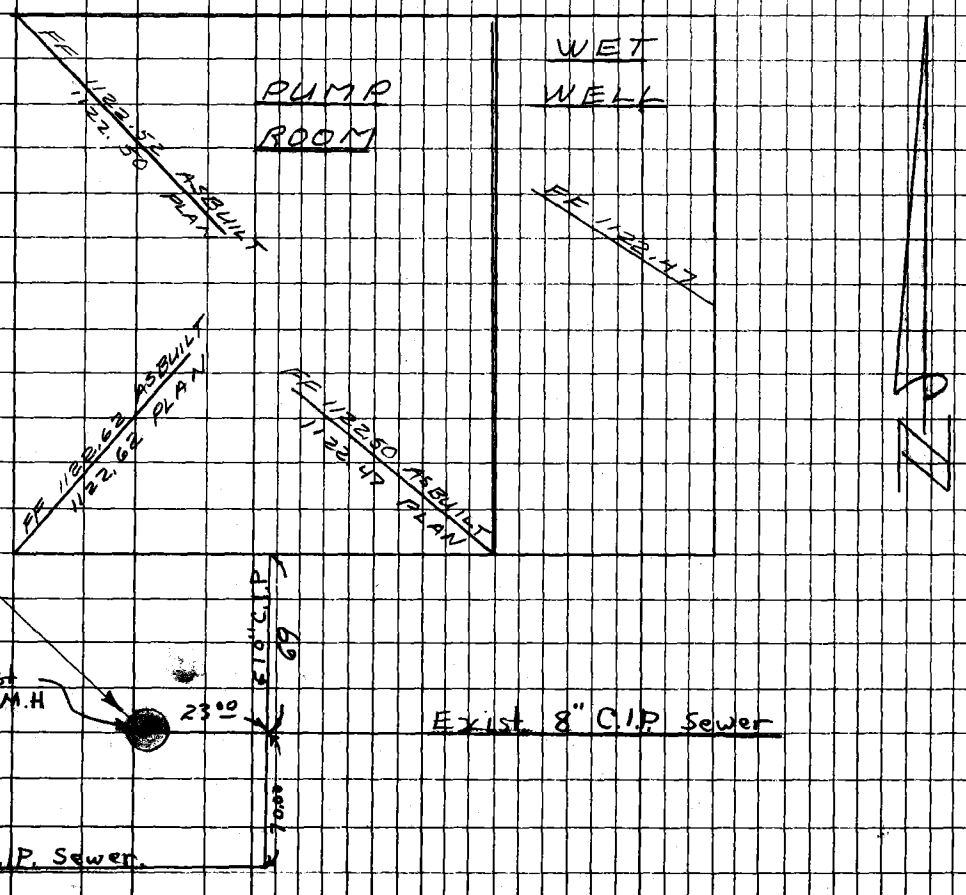
JOB NO. 9940.02 SURVEY OF CASTAIC LAKE NOTES RED.
SURVEY BY R. COCKERHAM DATE
NOTES BY R.M.C. DATE 9-24-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.
BMCA 34	6 485	1151 285		1144 800
T.P.	1 496	1141 589	11 192	1140 093
T.P.	0 177	1130 072	11 694	1129 895
PUMP ROOM E. COR			7 570	1122 502
W " "			7 450	1122 622
W " "			7 550	1122 522
SIDE F.F. WET WELL			7 600	1122 472
T.P	12 160	1142 046	0 186	1129 886
T.P	11 403	1151 412	2 037	1140 009
CA 34			6 610	1144 802

BMCA 34 ADJ. ELEV = 1144.800
PROPERTY COR. ANGLE PT. LAKE HUGHES ROAD AT CONC. BRIDGE ACCROSS THE MAIN CANYON, 225'± W'LY THERE OF, 50 FT N'LY OF THE ℄ OF LAKE HUGHES RD. A 2" I.P. W/CONC. PLUG & L.A. CO. ENG'R. TAG. F.B. 3857-10 & 85.

Check on Invert
El. @ Exist. Sewer M.H.
BM. CA-35, El. = 1149.669
F.B. 4316-7

Top El. Rim	1149.17
Meas.	7.91
Top pipe	1141 26
0.67 diam	0.67
Invert El. outlet.	1140 59



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY F.B. 4316 PG.

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY JGR DATE 12-NOV-74

DATE _____ INDEXED _____ DATE _____

CURB GRADES ON PARK ROAD

BEGIN 0+00 (INT PARK RD & ACCESS ROAD)

END 5+82.16 E.C. NOTE: GRADE IS TOP CURB

SEE SHT. 15 OF 37

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	OUT/FILL TOP CURB		
BM CA 1				1165.51	SEE FB 4316-12 & 3857-19			
0+47.19 B.C.R				1169.45	1170.11	F0.66	12' RT.	3' OFFSET
0+46.81 B.C.R				1169.93	1170.14	F0.21	12' LT.	" "
0+61.81				1170.32	1170.64	F0.32	12' RT.	
"				1170.47	1170.64	F0.17	12' LT	
0+75				1170.64	1171.12	F0.48	12' RT	
"				1170.72	1171.12	F0.40	12' LT.	
1+00				1172.05	1172.08	C0.02	12' RT	
"				1171.72	1172.03	F0.31	12' LT.	
1+25				1173.16	1172.94	C0.22	12' RT.	
"	T.P.			1172.70	1172.94	F0.24	12' LT.	
1+29.46 B.C.R				1172.97	1173.10	F0.13	12' LT.	
1+50				1174.37	1173.85	C0.52	12' RT	
1+79.46 INT				1174.84	1174.92	F0.08	12' RT	
2+00				1175.51	1175.67	F0.16	12' RT.	
2+09.46 B.C.R				1175.50	1176.01	F0.51	12' LT.	
2+25				1176.53	1176.57	F0.04	12' RT.	
"				1176.77	1176.57	C0.20	12' LT.	
2+50				1177.42	1177.48	F0.06	12' RT	
"				1178.23	1177.48	C0.75	12' LT.	
2+75				1179.13	1178.39	C0.74	12' RT	
"				1178.08	1178.39	F0.31	12' LT.	
3+00.07 B.V.C.				1179.40	1179.31	C0.09	12' RT.	
"				1179.84	1179.31	C0.53	12' LT	
3+15.07				1180.01	1179.91	C0.10	12' RT.	
"				1179.91	1179.91	GRD	12' LT.	
3+25.07				1180.17	1180.36	F0.19	12' RT.	3' OFFSET BEGIN DEPRESSION
3+30.07 E.V.C.				1180.46	1180.60	F0.14	12' LT.	" "
3+35.07				1180.72	1180.85	F0.13	12' RT.	" " END DEPRESSION
3+50				1181.40	1181.59	F0.19	12' RT	3' OFFSET
"				1181.34	1181.59	F0.25	12' LT.	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4316 PG.

JOB NO. 5940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED.
SURVEY BY RANDALL DATE
NOTES BY JGR DATE 12-NOV-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL TOP CURB		
3+75				1182.56	1182.83	F0.27	12' RT.	3' OFFSET
"				1182.73	1182.83	F0.19	12' LT.	
4+00				1183.70	1184.06	F0.36	12' RT.	
"				1183.65	1184.06	F0.41	12' LT.	
4+25				1185.30	1185.30	GRD.	12' RT.	
"				1184.92	1185.30	F0.38	12' LT.	
4+42.46 B.C.				1185.81	1186.17	F0.36	12' RT.	
"				1185.71	1186.17	F0.46	12' LT.	
4+50				1186.24	1186.54	F0.30	12' RT.	
"				1186.36	1186.54	F0.18	12' LT.	
4+75				1187.72	1187.78	F0.06	12' RT.	
"				1187.31	1187.78	F0.47	12' LT.	
5+00				1188.87	1189.02	F0.15	12' RT.	
"				1188.52	1189.02	F0.50	12' LT.	
5+25				1190.02	1190.26	C0.24	12' RT.	
"				1189.94	1190.26	F0.32	12' LT.	
5+50				1191.20	1191.50	F0.30	12' RT.	
"				1191.38	1191.50	F0.12	12' LT.	
5+75				1192.28	1192.74	F0.46	12' RT.	
"				1192.76	1192.74	C0.02	12' LT.	
5+82.16 E.C.			CHECK	1192.81	1193.08	F0.27	12' RT.	
"			CHECK	1192.44	1193.08	F0.64	12' LT.	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY F.B. 4316 PG. 94

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY JGR DATE 11-NOV-74

DATE _____ INDEXED _____ DATE _____

% 0.42

STATION	B.S.	H.I.	F.S.	ELEV.				
		CURB GRADES ON PARK ROAD						
		BEGIN @ E.C. 5+82.16						
		END @ B.C. 15+55.37						NOTE: GRADE IS
		SEE SHT. 15 OF 37						TOP CURB
B.M. CA4				1212.32	BM CA 4 F.B. 4316 - 10 CO. ENGR. MON.			
					GRADE	C/F TOP CURB		
5+82.16 E.C.				1192.39	1193.08	F 0.69	12' RT.	3' OFFSET
"				1192.77	1193.08	F 0.31	12' LT.	" "
6+00				1193.32	1193.96	F 0.44	12' RT	
"				1193.79	1193.96	F 0.17	12' LT.	
6+10.86 B.C.R				1194.36	1194.50	F 0.14	12' LT.	
6+25				1194.75	1195.20	F 0.45	12' RT.	
6+50	T.P.			1196.23	1196.44	F 0.21	12' RT.	
6+75				1197.42	1197.68	F 0.26	12' RT.	
6+87.50				1197.66	1198.42	F 0.74	12' RT.	DEPRESSED CURB BEGIN
6+97.50				1198.53	1198.80	F 0.27	12' RT.	" " END
7+10.00				1199.25	1199.45	F 0.20	12' RT.	3' OFFSET
7+21.35 BCR				1199.98	1200.10	F 0.12	12' LT.	
7+25.				1199.99	1200.34	F 0.35	12' RT.	
7+40				1201.08	1201.31	F 0.23	12' RT	
"				1201.06	1201.31	F 0.25	12' LT.	
7+55 E.V.C.				1202.34	1202.38	F 0.04	12' RT.	
"				1202.24	1202.38	F 0.14	12' LT.	
7+75				1203.58	1203.87	F 0.29	12' RT.	
"				1203.75	1203.87	F 0.12	12' LT	
8+00	T.P.			1205.32	1205.73	F 0.41	12' RT	
"				1205.57	1205.73	F 0.16	12' LT.	
8+25				1207.26	1207.59	F 0.33	12' RT.	
"				1207.64	1207.59	C 0.05	12' LT	
8+35.00 B.V.C.				1207.79	1208.33	F 0.54	12' RT.	
"				1208.03	1208.33	F 0.30	12' LT.	
8+55				1209.38	1209.75	F 0.37	12' RT	
"				1209.65	1209.75	F 0.10	12' LT.	
8+75				1210.56	1211.03	F 0.47	12' RT	
"				1211.04	1211.03	C 0.01	12' LT	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4316 PG.

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY NOTES RED. 39-5-56

SURVEY BY RANDALL DATE

NOTES BY JGR DATE 11-NOV-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/F TOP CURB		
8+95				1211 70	1212.17	F0 47	12' RT	3' OFFSET
"				1211 61	1212.17	F0 54	12' LT	" "
9+15				1212 80	1213.17	F0 37	12' RT	
"				1212 67	1213.17	F0 50	12' LT	cross Gut. Grds @ entrance
9+28.918	C.R.	T.P.		1213 27	1213.79	F0 52	12' RT	to Park Lot #3 & #4
9+35				1214 02	1214.04	F0 02	12' LT	
9+55				1214 48	1214.76	F0 28	12' LT	
9+75.58				1215 54	1215.36	C0 18	12' LT	
9+95				1215 52	1215.79	F0 27	12' LT	
10+15				1215 63	1216.10	F0 47	12' LT	
10+22.81	B.C.R.		—	1215 41	1216.18	F0 77	12' RT	
10+35.00	E.V.C.			1215 44	1216.27	F0 83	12' RT	
"				1215 74	1216.27	F0 53	12' LT	
10+50				1215 59	1216.34	F0 75	12' RT	
"			—	1216 91	1216.34	C0 55	12' LT	
10+75				1215 73	1216.47	F0 74	12' RT	
"			—	1217 10	1216.47	C0 63	12' LT	
11+00				1216 05	1216.59	F0 54	12' RT	
"			—	1216 69	1216.59	C0 10	12' LT	
11+25 B.V.C				1216 24	1216.72	F0 48	12' RT	
"				1216 02	1216.72	F0 70	12' LT	
11+50				1216 35	1216.90	F0 55	12' RT	
"				1216 27	1216.90	F0 63	12' LT	
11+75				1216 99	1217.17	F0 18	12' RT	
"				1216 78	1217.17	F0 39	12' LT	
12+00				1217 42	1217.55	F0 13	12' RT	
"				1217 15	1217.55	F0 40	12' LT	
12+25 E.V.C.				1217 94	1218.02	F0 08	12' RT	
"				1217 92	1218.02	F0 10	12' LT	
+50	T.P.			1218 23	1218.55	F0 32	12' RT	
"				1218 19	1218.55	F0 36	12' LT	
+75				1218 69	1219.07	F0 38	12' RT	
"				1218 52	1219.07	F0 55	12' LT	
13+00				1219 10	1219.60	F0 50	12' RT	
"				1219 21	1219.60	F0 39	12' LT	
+25				1220 10	1220.12	F0 02	12' RT	
"				1220 05	1220.12	F0 07	12' LT	
+50				1220 78	1220.65	C0 13	12' RT	
"				1220 39	1220.65	F0 26	12' LT	

Sta	Elev.	Flow line Grade	Cor F
9+35	1213.53	1213.53	Gr.
9+53.57	1214.21	1214.21	Gr.
9+63.67	1453	1214.53	Gr.
9+75.08	1486	1214.86	Gr.
9+87.67	1514	1215.14	Gr.
9+98.08	1534	1215.34	Gr.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE AFTERBAY F.B. 4316 PG.

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY JGR DATE 11-NOV-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.				
	CURB GRADES CON'T.					PARK ROAD		
					GRADE	C/F TOP CURB		
13+75				1220.89	1221.17	F0.28	12' RT	3' OFFSET
"				1221.12	1221.17	F0.05	12' LT.	
14+00				1221.84	1221.70	C0.14	12' RT.	
"				1221.70	1221.70	GRO.	12' LT.	
+25				1222.33	1222.23	C0.10	12' RT	
"				1222.37	1222.23	C0.14	12' LT.	
+50				1222.86	1222.75	C0.11	12' RT.	
"				1222.93	1222.75	C0.18	12' LT.	
+75				1223.26	1223.28	F0.02	12' RT.	
"				1222.82	1223.28	F0.46	12' LT.	
15+00				1223.67	1223.80	F0.13	12' RT	
"				1223.84	1223.80	C0.04	12' LT.	
15+25				1224.02	1224.33	F0.31	12' RT.	
"				1224.25	1224.33	F0.08	12' LT.	
15+50	NOT SET			—	1224.85	—	12' RT	
"	"	"		—	1224.85	—	12' LT.	
15+55.37 B.C.	CHECK			4.60?	1224.97	—	12' RT	CHECK
"				4.60	1224.97	—	12' LT.	CHECK

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. PG.

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. 4315 PG. 119

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
		GRADES & CUTS FOR ℄ AND TOP OF CURB FOR PARK RD. Sht #15					
		(NOTE: PTS. R & L ARE 3' OFFSETS TO FACE/CURB & CUTS ARE TO T.C.)					
0+00						℄	℄ INT.
+10						℄	
+14						℄	
+25						℄	
+46 81						℄	
						15 L	BCR
+47 19						℄	
						15 R	B.C.R.
						15 L	
+61 81						℄	
+75						℄	
1+00							
+29 46							
							B.C.R.
+50							
+75							
+79 46							℄ INT.
2+00							
2+09 46							
							B.C.R.
+25							

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 120

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL		
2 + 50							℄	
+ 75							℄	
3 + 00 07							℄	B.V.C.
+ 15 07							℄	
+ 30 07							℄	E.V.C.
+ 50							℄	
+ 75							℄	
4 + 00							℄	
+ 25							℄	
+ 42 46							℄	B.C
+ 50							℄	
+ 75							℄	
+ 00							℄	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. 4315 PG. 121

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL		
5 + 25							℄	
+ 50							℄	
+ 75							℄	
+ 82 16							℄	E.C.
6 + 00							℄	
+ 10 86							℄	
								B.C.R.
+ 25							℄	
+ 50							℄	
+ 66 18							℄	℄ INT.
+ 75							℄	
+ 92 50							℄	℄ INT. TO RT.
+ 95							℄	B.V.C.
7 + 10							℄	
+ 21 35							℄	
								B.C.R.
+ 25							℄	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 122

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL		
7 + 40							℄	
+55							℄	E.V.C.
+75							℄	
8 + 00							℄	
+25							℄	
+35							℄	B.V.C.
+ 55							℄	
+75							℄	
+ 95							℄	
9 + 15							℄	
+35							℄	
+44 43							℄	
								B.C.R.
+55							℄	
+75							℄	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. 4315 PG. 123

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL		
9 + 95							℄	
10 + 15							℄	
+35							℄	EVC
+38.43							℄	
								BCR
+50							℄	
+75							℄	
11 + 00							℄	
+25							℄	B.V.C.
+50							℄	
+75							℄	
12 + 00							℄	
+25							℄	EVC
+50							℄	
+75							℄	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 124

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL		
13+00							℄	
+25							℄	
+50							℄	
+75							℄	
14+00							℄	
+25							℄	
+50							℄	
+75							℄	
15+00							℄	
+25							℄	
+50							℄	
+55 37							℄	B.C
				1224 62	1224.97	F-0 35	15 R	✓
				1224 64	1224.97	F-0 33	15 L	✓
+75							℄	
				1225 45	1225.38	C-0 07	15 R	✓
				1225 02	1225.38	F-0 36	15 L	✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. 4315 PG. 125

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL			
16+00							℄		B.V.C.
				1225.60	1225.91	F-0.31	15 R	✓	
				1225.28	1225.91	F-0.63	15 L	✓	
+20							℄		
				1226.10	1226.23	F-0.13	15 R	✓	
				1225.67	1226.23	F-0.56	15 L	✓	
+40							℄		
				1225.84	1226.35	F-0.51	15 R	✓	
				1225.84	1226.35	F-0.51	15 L	✓	
+60							℄		
				1225.66	1226.28	F-0.62	15 R	✓	
				1225.69	1226.28	F-0.59	15 L	✓	
+74.49							℄		P.R.C.
				1225.30	1226.08	F-0.78	15 R	✓	
				1225.84	1226.08	F-0.24	15 L	✓	
+80							℄		
				1225.09	1226.00	F-0.91	15 R	✓	
				1225.99	1226.00	F-0.01	15 L	✓	
17+00							℄		
				1224.69	1225.53	F-0.84	15 R	✓	
				1225.60	1225.53	C-0.07	15 L	✓	
+20							℄		
				1224.54	1224.86	F-0.32	15 R	✓	
				1225.46	1224.86	C-0.60	15 L	✓	
+40							℄		
				1223.95	1223.99	F-0.04	15 R	✓	
				1223.98	1223.99	F-0.01	15 L	✓	
+60							℄		
				1223.24	1222.93	C-0.31	15 R	✓	
				1222.34	1222.93	F-0.59	15 L	✓	
+80							℄		
				1222.08	1221.66	C-0.42	15 R	✓	
				1221.65	1221.66	F-0.01	15 L	✓	
18+00							℄		E.V.C.
				1220.70	1220.20	C-0.50	15 R	✓	
				1219.74	1220.20	F-0.46	15 L	✓	
+26.90							℄		E.C.
				1218.50	1218.10	C-0.40	15 R	✓	
				1217.07	1218.10	F-1.03	15 L	✓	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 126

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL			
18 + 50							℄		
				1216.53	1216.30	C-0.23	15 R	✓	
				1215.34	1216.30	F-0.96	15 L	✓	
+ 75							℄		
				1214.14	1214.34	F-0.20	15 R	✓	
				1213.43	1214.34	F-0.91	15 L	✓	
+ 98.96							℄		
				1211.67	1212.47	F-0.80	15 R	✓	B.C.R.
				1211.50	1212.47	F-0.97	15 L	✓	
19 + 25							℄		
				1209.57	1210.44	F-0.87	15 L	✓	
+ 45.96							℄		
				1207.97	1208.80	F-0.83	15 L	✓	
+ 75							℄		
				1205.98	1206.54	F-0.56	15 L	✓	
+ 92.96							℄		
				1203.70	1205.13	F-1.43	15 R	✓	B.C.R.
				1204.85	1205.13	F-0.28	15 L	✓	
20 + 16.61							℄		B.V.C.
				1202.04	1203.28	F-1.24	15 R	✓	
				1203.19	1203.28	F-0.09	15 L	✓	
+ 42.69							℄		B.C.
				1200.52	1201.39	F-0.87	15 R	✓	
				1201.42	1201.39	C-0.03	15 L	✓	
+ 56.61							℄		
				1199.26	1200.44	F-1.18	15 R	✓	
				1200.55	1200.44	C-0.11	15 L	✓	
+ 76.61							℄		
				1197.62	1199.25	F-1.63	15 R	✓	
				1199.47	1199.25	C-0.22	15 L	✓	
+ 96.61							℄		
				1196.63	1198.19	F-1.56	15 R	✓	
				1198.32	1198.19	C-0.13	15 L	✓	
21 + 16.61							℄		
				1196.07	1197.28	F-1.21	15 R	✓	
				1197.33	1197.28	C-0.05	15 L	✓	
21 + 36.61							℄		
				1195.82	1196.52	F-0.70	15 R	✓	
				1196.67	1196.52	C-0.15	15 L	✓	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

F.B. 4315 PG. 127

NOTES RED. _____ JOB NO. _____ SURVEY OF _____

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL			
21+56 61							℄		
				1195 25	1195.90	F-0 65	15 R	✓	
				1196 14	1195.90	C-0 24	15 L	✓	
+76 61							℄		E.V.C.
				1194 64	1195.43	F-0 79	15 R	✓	
				1195 15	1195.43	F-0 28	15 L	✓	
22+00							℄		
				1194 18	1194.96	F-0 78	15 R	✓	
				1194 27	1194.96	F-0 69	15 L	✓	
+25							℄		
				1193 91	1194.47	F-0 56	15 R	✓	
				1193 73	1194.47	F-0 74	15 L	✓	
+50							℄		
				1193 57	1193.97	F-0 40	15 R	✓	
				1193 30	1193.97	F-0 67	15 L	✓	
+77 49							℄		
				1192 70	1193.43	F-0 73	15 R	✓	B.C.R.
				1193 09	1193.43	F-0 34	15 L	✓	
23 + 10 06 BK	= 23+09 92 AHD						℄		E.C. - B.V.C.
				1192 62	1192.78	F-0 16	15 L	✓	
+44 92	✓				1191.84		℄		
				1192 42	1192.27	C-0 15	15 L	✓	
+72 42				1191 94	1192.17	F-0 23	15 L	✓	START DEPRESSION
+77 42				1191 97	1191.67	C-0 30	15 L	✓	
+82 42				1191 99	1191.67	C-0 32	15 L	✓	
+87 42	✓			1191 99	1192.17	F-0 18	15 L	✓	END DEPRESSION
24 + 14 92					1191.84		℄		
				1192 02	1192.12	F0 10	15 R	✓	B.C.R.
				1193 20	1192.27	C-0 93	15 L	✓	
+49 92							℄		P.R.V.C.
				1192 42	1192.79	F0 37	15 R	✓	
				1193 34	1192.79	C-0 55	15 L	✓	
+75 14							℄		
				1193 23	1193.24	F0 01	15 R	✓	
				1193 42	1193.24	C-0 18	15 L	✓	
25 +00 35							℄		
				1193 54	1193.55	F0 01	15 R	✓	
				1193 49	1193.55	F-0 06	15 L	✓	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 128

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE NOTES RED.
SURVEY BY M. R NEVAREZ DATE
NOTES BY M.R.N. DATE OCT 74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL	OFFSET	REMARKS
25 + 25.57							℄	B.C.
				1193.61	1193.74	F-0.13	15 R	✓
				1193.57	1193.74	F-0.17	15 L	✓
25+50.79							℄	
				1193.30	1193.80	F-0.50	15 R	✓
				1193.48		F-0.32	15 L	✓
25+76.00							℄	
				1193.14	1193.74	F-0.60	15 R	✓
				1193.32		F-0.42	15 L	✓
26+01.22							℄	E.V.C.
				1193.00	1193.55	F-0.55	15 R	✓
				1193.15		F-0.40	15 L	✓
+25							℄	
				1192.79	1193.31	F-0.52	15 R	✓
				1193.00		F-0.31	15 L	✓
+50							℄	
				1192.55	1193.06	F-0.51	15 R	✓
				1192.76		F-0.30	15 L	✓
+75							℄	
				1192.55	1192.81	F-0.26	15 R	✓
				1192.53		F-0.28	15 L	✓
27+00							℄	
				1192.21	1192.56	F-0.35	15 R	✓
				1192.40		F-0.16	15 L	✓
+25							℄	
				1191.73	1192.31	F-0.58	15 R	✓
				1192.33		C-0.02	15 L	✓
+50							℄	
				1191.69	1192.06	F-0.37	15 R	✓
				1192.12		C-0.06	15 L	✓
+75							℄	
				1191.91	1191.81	C-0.10	15 R	✓
				1191.96		C-0.15	15 L	✓
28+00							℄	
				1190.17	1191.56	F-1.39	15 R	✓
				1191.68		C-0.12	15 L	✓
+25							℄	
				1190.82	1191.31	F-0.49	15 R	✓
				1191.30		F-0.01	15 L	✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE

DATE _____ SURVEY BY M.R. NEVAREZ

NOTES CHKD. _____ NOTES BY M.R.N. DATE OCT 74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 129

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL	OFFSET	
28 + 50							℄	
				1190 83	1191.06	F-0 23	15 R	
				1191 11		C-0 05	15' L	START CURB TRANSITION
+75							℄	
				1190 63			15 R	
				1190 86			15 L	
28 + 91 21							℄	
				1190 66	1190.65	C-0 01	15 R	B.C.R.
		As of Feb 18 75		1190 62	1190.89	F-0 27	15 L	
28 + 93 19							℄	B.V.C.
		0 88		1190 42	1190.88	F-0 46	15 L	
29 + 10 69							℄	
		0 80		1190 65	1190.81	F-0 16	15 L	
29+20 69		0 68		1190 65	1190.77	F-0 12	15 L	START DEPRESSION
+25 69				1190 55	1190.33	C-0 22	15 L	
+30 69				1190 68	1190.33	C-0 35	15 L	
+35 69		0 52		1190 50	1190.77	F-0 27	15 L	END DEPRESSION
+45 19							℄	
		0 40		1190 38	1190.81	F-0 43	15 L	
+63 19							℄	E.V.C.
		0 41		1191 18	1190.88	C-0 30	15 L	
+98 20							℄	
		1 03		1191 23	1191.03	C-0 20	15 L	
30+06 38		1 04		1191 21	1191.06	C-0 15	15 L	END CURB TRANSITION
+35 19							℄	
				1190 90	1191.35	F-0 45	15 R	B.C.R.
		1 35		1191 15		F-0 20	15 L	
+50							℄	
				1190 92	1191.50	F-0 58	15 R	
				1191 27		F-0 23	15 L	
+75							℄	
				1190 85	1191.75	F-0 90	15 R	
				1191 20		F-0 55	15 L	
31 + 00							℄	
				1190 75	1192.00	F-1 25	15 R	
				1191 43		F-0 57	15 L	
+25							℄	
				1191 32	1192.25	F-1 03	15 R	
				1191 37		F-0 88	15 L	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 130

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE NOTES RED.
SURVEY BY M.R. NEVAREZ DATE
NOTES BY M.R.N DATE OCT 74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL	OFFSET
31+50							℄
				1191 52	1192.50	F-0 96	15 R
				1191 50		F-1 00	15 L
+75							℄
				1191 66	1192.75	F-1 09	15 R
				1191 91		F-0 84	15 L
32+00							℄
				1191 69	1193.00	F-1 31	15 R
				1192 17		F-0 83	15 L
+25							℄
				1192 52	1193.25	F-0 73	15 R
				1192 52		F-0 73	15 L
+50							℄
				1192 88	1193.50	F-0 62	15 R
				1192 95		F-0 55	15 L
+75							℄
				1193 20	1193.75	F-0 55	15 R
				1193 24		F-0 51	15 L
33+00							℄
				1193 35	1194.00	F-0 65	15 R
				1193 36		F-0 64	15 L
+25							℄
				1193 27	1194.25	F-0 98	15 R
				1193 64		F-0 61	15 L
+50							℄
				1193 40	1194.50	F-1 10	15 R
				1194 19		F-0 31	15 L
+75							℄
				1193 63	1194.75	F-1 12	15 R
				1194 60		F-0 15	15 L
34+00							℄
				1193 87	1195.00	F-1 13	15 R
				1194 75		F-0 25	15 L
+25							℄
				1194 59	1195.25	F-0 66	15 R
				1195 09		F-0 16	15 L
+50							℄
				1194 95	1195.50	F-0 55	15 R
				1195 32		F-0 18	15 L

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE

F.B. 4315 PG. 131

DATE _____ SURVEY BY M.R. NEVAREZ

NOTES CHKD. _____ NOTES BY M.R.N. DATE OCT. 74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL	OFFSET	
34+75							℄	
				1194.94	1195.75	F-0.81	15 R	
				1195.35		F-0.40	15 L	
35+00							℄	
					1196.00		15 R	
							15 L	
+06.58							℄	B.V.C.
				1195.42	1196.07	F-0.65	15 R	
				1195.57		F-0.50	15 L	
+20.79							℄	
				1195.59	1196.17	F-0.58	15 R	
				1195.57		F-0.60	15 L	
+35							℄	
				1195.38	1196.21	F-0.83	15 R	
				1195.70		F-0.51	15 L	
+49.21							℄	
				1195.31	1196.17	F-0.86	15 R	B.C.R.
				1195.84		F-0.33	15 L	
+63.42							℄	E.V.C.
				1195.75	1196.07	F-0.32	15 L	
+86.19							℄	
				1195.45	1195.84	F-0.39	15 L	
36+21.20							℄	
				1195.30	1195.49	F-0.19	15 L	
+56.20							℄	
				1194.74	1195.14	F-0.40	15 L	
+93.19							℄	
				1193.83	1194.77	F-0.94	15 R	B.C.R.
				1194.17		F-0.60	15 L	
37+00							℄	
				1193.94	1194.70	F-0.76	15 R	
				1193.73		F-0.97	15 L	
+25							℄	
				1193.74	1194.45	F-0.71	15 R	
				1193.55		F-0.90	15 L	
+50							℄	
				1193.70	1194.20	F-0.50	15 R	
				1193.25		F-0.95	15 L	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 132

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE NOTES RED.
SURVEY BY M.R. NEVAREZ DATE
NOTES BY M.R.N DATE OCT 74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT/FILL	OFFSET	
37+75							℄	
				1193.68	1193.95	F-0.27	15 R	
				1193.28		F-0.67	15 L	
38+00							℄	
				1193.57	1193.70	F-0.13	15 R	
				1193.12		F-0.58	15 L	
+25							℄	
				1193.33	1193.45	F-0.12	15 R	
				1192.79		F-0.66	15 L	
+50							℄	
				1192.88	1193.20	F-0.32	15 R	
				1192.64		F-0.56	15 L	
+75							℄	
				1192.60	1192.95	F-0.35	15 R	
				1192.65		F-0.30	15 L	
39+00							℄	
				1192.28	1192.70	F-0.42	15 R	
				1192.29		F-0.41	15 L	
+25							℄	
				1191.97	1192.45	F-0.48	15 R	
				1192.17		F-0.28	15 L	
+50							℄	
				1191.93	1192.20	F-0.27	15 R	
				1191.95		F-0.25	15 L	
+75							℄	
				1191.74	1191.95	F-0.21	15 R	
				1191.76		F-0.19	15 L	
0+00							℄	
				1190.68	1191.70	F-1.02	15 R	
				1191.44		F-0.26	15 L	
+25							℄	
				1190.79	1191.45	F-0.66	15 R	
				1191.09		F-0.36	15 L	
+36.23							℄	
				1190.34	1191.34	F-1.00	15 R	BCR
				1190.54	1191.34	F-0.80	15 L	
+46.63							℄	E.C.
				1189.87	1191.23	F-1.36	15 L	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

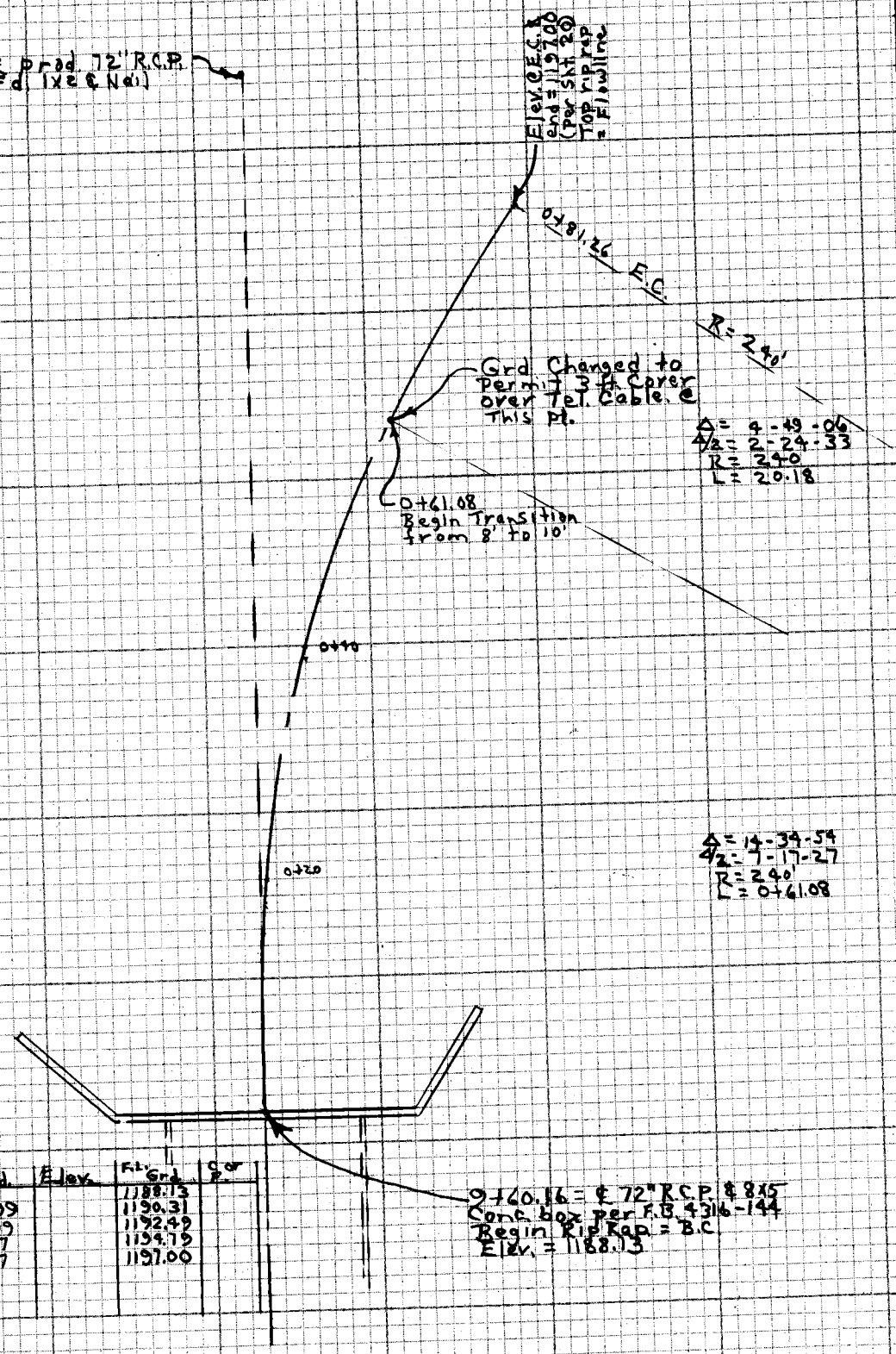
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 10-10-74
Date	Indexed

F.B. 4315 PG. 133

Location & Grade on Rip Rap @ w'ly end 72" R.C.P. Sht #6



	℄ deft.	Chord.	Elev.	F.L. Grd.	C or F.
0+00 = B.C.				1188.13	
0+20 =	2-23-14	19.99		1190.31	
0+40	4-46-28	19.99		1192.49	
0+61.08	7-17-27	21.07		1194.79	
0+81.26	9-41-59	20.17		1197.00	

10.92%

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 134

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not enter notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay | F.B. 4315 PG. 135

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B DATE 10-15-74

DATE _____ INDEXED _____ DATE _____

10,91690

1188.13
1190.31
1192.49
1194.79
1197.00

Grades for Rip Rap @ w'ly end 72" R.C.P.

STATION	B.S.	H.I.	F.S.	ELEV.								
					℄ Grd.	Cor. F ℄ Grd.	Fin Grd. Rt.	Cor. F. Rt.	Fin Grd. Lt.	Cor. F Lt.
0+00				1188.13	1188.13	Grd.				
0+20				1188.90	1190.31	F 1.41				
14.03	Rt.			1196.24			1197.00	F. 0.76		
14.03	Lt			1195.90					1197.00	F. 1.10
0+40				1191.50	1192.49	F 0.99				
10.75	Rt			1197.35			1197.00	C. 0.35		
10.75	Lt.			1200.26					1197.00	C. 3.26
0+61.08				1194.51	1194.79	F 0.28				
7.31	Rt			1197.69			1197.00	C. 0.69		
7.31	Lt.			1201.10					1197.00	C. 4.10
0+81.26				1196.81	1197.00	F 0.19				
14.50	Rt			1200.89			1200.00	C 0.89		
10.50	Lt.			1204.75					1200.00	C. 4.75
BM CA-65				1193.32	BM CA-65, El. = 1193.324, 1" I.P. & SD					N 366,900.00 E 814,900.00

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 136

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

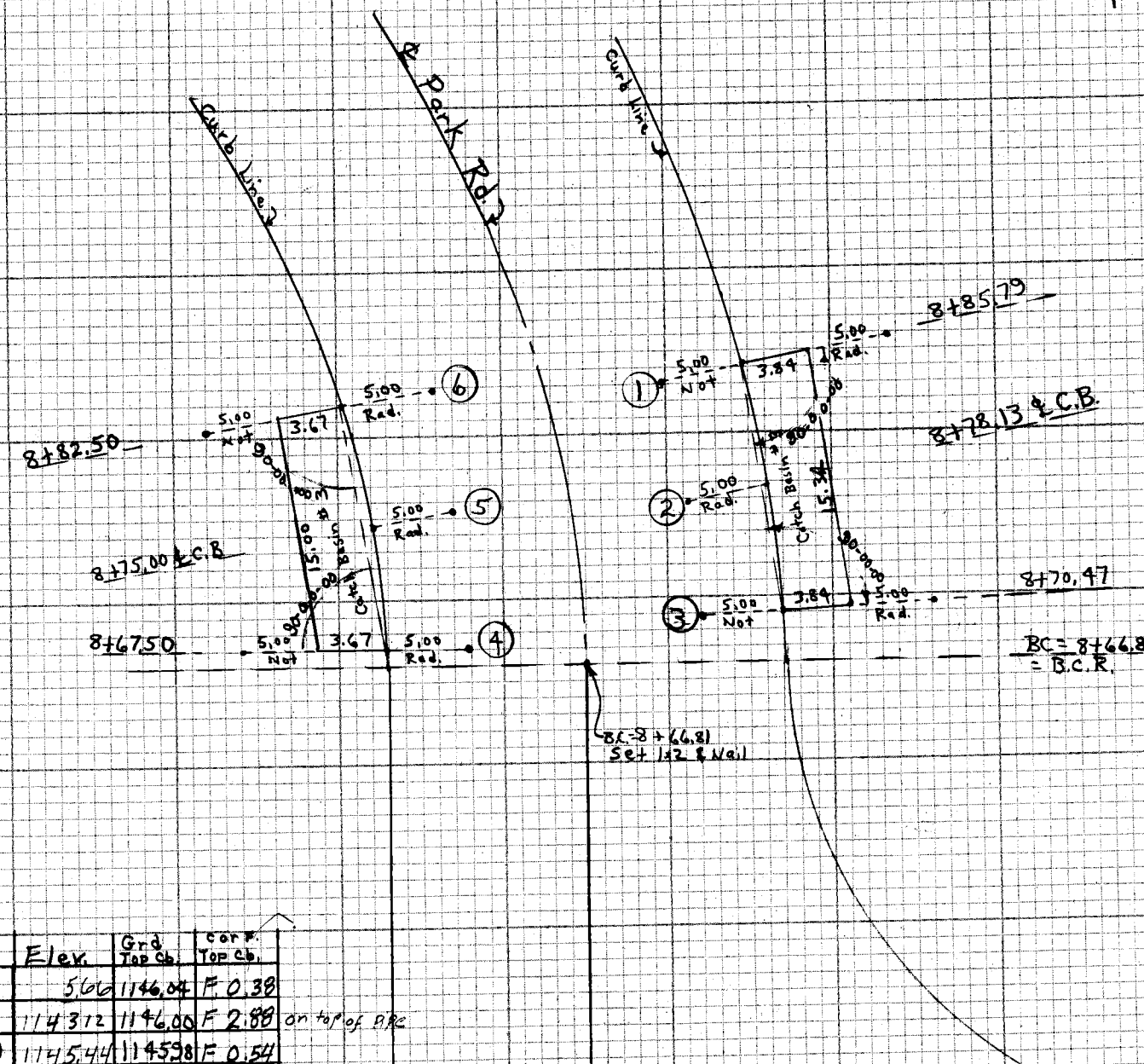
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 3940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 10-17-74
Date	Indexed

F.B. 4315 PG 137

Location & Grade on Catch Basins in Park Lot #1 (8+75.00) Sht #14



Sta	Elev.	Grd. Top Cb.	Corr. Top Cb.
1	5.66	1146.04	F 0.38
2	1143.12	1146.00	F 2.88 on top of pipe
3	1145.44	1145.98	F 0.54
4	1146.15	1145.98	C 0.18
5	1145.70	1145.98	F 0.28
6	1146.10	1145.98	C 0.12

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 138

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay | F.B. 4315 PG. 139

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 10-17-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
BM #CA-12				1184.19	BM CA-12 El. = 1184.19		
					Grade F.L. Swale	C or F. F.L. Swale	
0+00 =	F.L. 30" CMP.			1184.26	1184.26		
0+50				1192.44	1189.50	C- 2.94	
1+00				1195.03	1191.78	C 3.25	
1+50				1196.78	1194.05	C 2.73	
2+00				1198.72	1196.32	C 2.40	
2+50				1200.15	1198.59	C 1.56	
3+00				1201.86	1200.86	C 1.00	
3+25				1202.93	1202.00	C 0.93	

For ℄ See F.B. 4316-183-186
℄ PROFILE OF NORTH RD.

Gunite Swale @ North Road
Sheet #5

Restake 1-15-75

Sta	Elev.	F.L. Grd.	C or F. F.L.
0+50	1190.74	11[illegible]	C 1[illegible]
1+00	1193.83	1191.78	C 2[illegible]

	Elev.	FS Grade	FS C/F	%	E OFFSET		
BM #CA-12		1184.19					
0+00				2.00			
0+65		1184.6	Join				Edge Parking lot
0+79 61 BVC	1187.25	1184.87	C-2.38				
0+92 55 HP	1186.73	1185.3	C-1.43				
1+06 61 MVC	1186.70	1184.6	C-2.10				
20.98 1+24 61 EC EVC	1182.60	1182.60	GRADE				Join Existing
2+31 41 50 BC	1182.93	1182.36	C-0.57				Join Existing
2+73.97 97 2+59 BVC	1187.14	1187.0	C-0.14				
293.97 97 2+81 MVC	1189.54	1189.4	C-0.14				
3+13.97 3+03 EVC	1190.89	1190.5	C-0.39		9.5'	R	
3+78 97	1191.50	1192.17	F0.67		9.5'	R	15' RW
4+46 65	1193.36	1193.90	F0.54		9.5'	R	Begin Transition
4+66 78	1193.58	1194.40	F0.82	2.567	10.75'	R	
4+86 79 BC	1194.34	1194.93	F0.59		12'	R	End Transition
4+93 63 BVC	1194.00	1195.11	F1.11		12'	R	
5+16 68 MVC	1193.84	1194.72	F0.88		12'	R	20' RW
5+39 73 EC EVC	1193.61	1194.32	F0.71		12'	R	
6+00	1190.06	1190.71	F0.65		12'	R	
6+68 78 BC	1186.35	1186.58	F0.23		12'	R	
7+00 79 MC	1184.46	1184.66	F0.20		12'	R	
7+32 80 EC	1182.51	1182.74	F0.23		12'	R	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 140

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N Date OCT 74
Date	Indexed

F.B. 4315 PG. 141

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

CASTAIC LAKE

LOCATION OF FLOW LINE
IN PARKING LOT # 13

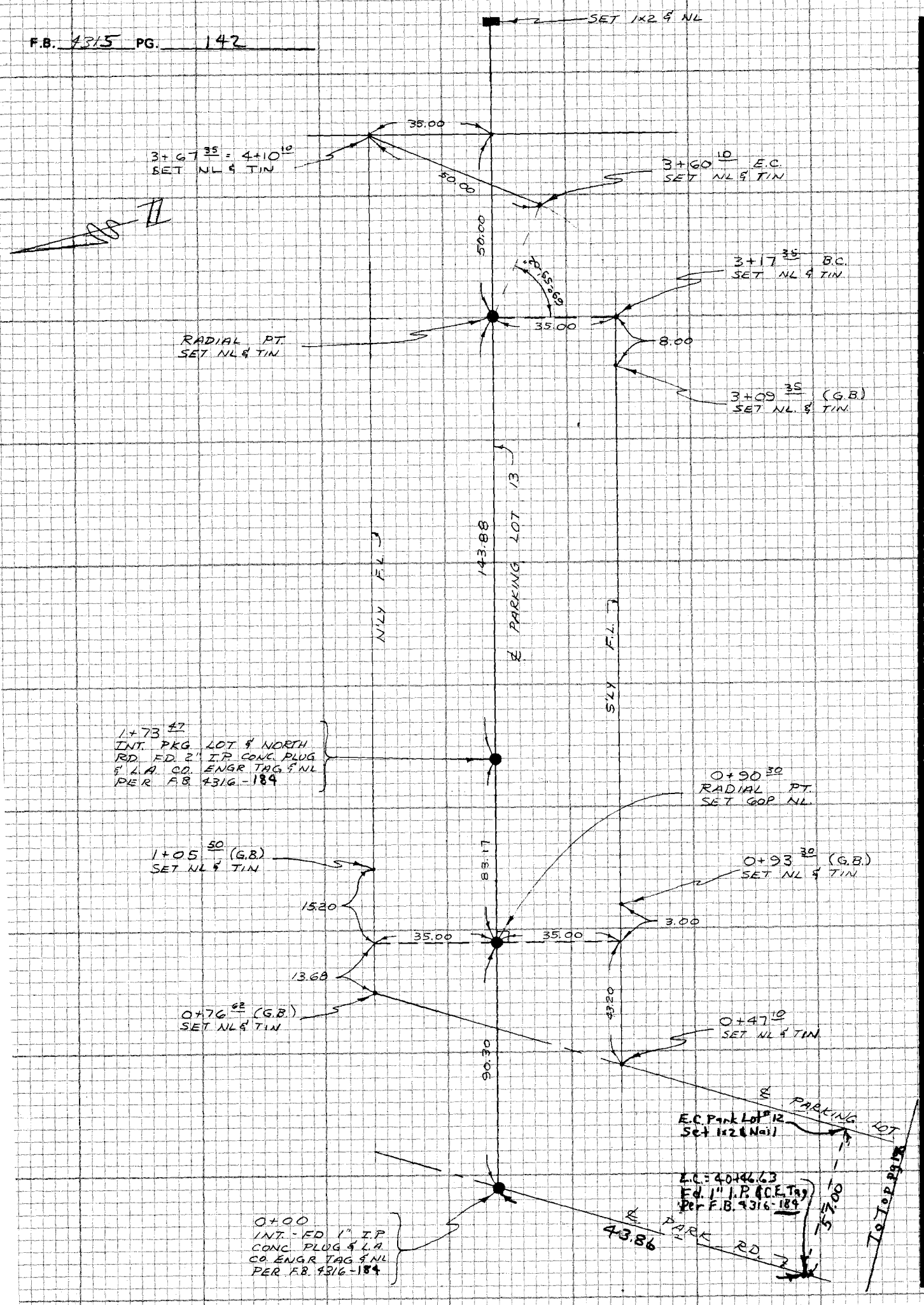
J.N 9940.02

PARTY
M.R. NEVAREZ
R.M. COCKERHAM
A.E. LUND
R.S. SCHERB

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 142



CE 310
76F30954/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE

F.B. 4315 PG. 143

DATE _____ SURVEY BY M. R. NEVAREZ

NOTES CHKD. _____ NOTES BY M. R. N. DATE OCT 74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
		GRADE SHEET FOR F.L. DRAIN					
		OF PARKING LOT 13 SHEET 5					
		See F.B. 4316-					
			N'LY	F.L.			
					%	GRADE @ F.L.	CUT/FILL
0 + 76 62				1186 80		1187.00	F0 20
1 + 05 50				1186 43		1186.53	F0 10
1 + 80 50				1184 50	2.1190%	1184.95	F0 45
2 + 55 50				1183 94		1183.36	C0 58
3 + 30 50				1182 47		1181.78	C0 69
3 + 67 35				1181 47		1181.00	C0 47
			S'LY	F.L.			
					%	GRADE @ F.L.	CUT/FILL
0 + 47 10				1187 98		1188.30	F0 32
0 + 93 30				1187 83		1187.46	C0 37
1 + 68 30				1186 35	2.064337	1185.91	C0 44
2 + 43 30				1185 88		1184.36	C1 52
3 + 09 35				1183 71		1183.00	C0 71
3 + 17 35				1183 23		1182.84	C0 39
3 + 38 73				1182 25	1.985	1182.42	F0 17
3 + 60 10				1181 68		1181.99	F0 31
3 + 85 10				1181 32		1181.50	F0 18
4 + 10 10				1181 47		1181.00	C0 47
= 3 + 67 35							

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 144

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 10-23-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 145

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	Cor F. Top Cb.
Curb Grds for Park Lot #12, Sta. is along ℄ Park Rd. (West curb)							
T.B.M.				1190.50	TBM. El. = 1190.502, F.B 4316-36, Lge Bt. Spk E. Side P.P. # 2023698E		
36+93.19	B.C.R.			1193.83	1194.77	F-0.94	
MOC 1/2 R=	16.5			1192.93	1194.60	F 1.67	
E.C. R=	16.5			92.89	1194.10	F 1.21	
B.C. R=	3		Same Bolt	92.79	1193.92	F 1.13	
E.C. R=	3			92.79	1193.92	F 1.13	
B.C. R=	3			92.85	1194.10	F 1.25	
E.C. R=	3			93.15	1194.12	F 0.97	
37+25				93.04	1193.84	F 0.80	
+50				93.33	1193.53	F 0.20	
+75				92.88	1193.21	F 0.33	
38+00				92.75	1192.90	F 0.15	
+25				92.56	1192.59	F 0.03	
+50				92.01	1192.28	F 0.27	
+75				91.71	1191.96	F 0.25	
39+00				1191.43	1191.65	F 0.22	
+25				91.21	1191.34	F 0.13	
+50				90.96	1191.03	F 0.07	
+75				90.68	1190.71	F 0.03	
40+00				90.45	1190.40	C 0.05	
B.C. R=	3			89.65	1190.12	F 0.47	
E.C. R=	3			89.31	1190.07	F 0.76	
B.C. R=	3		Rad	89.17	1189.69	F 0.52	
E.C. R=	3			89.17	1189.68	F 0.51	
MOC 1/2 R=	16.5			88.98	1190.10	F 1.12	
40+36.23	B.C.R.			1190.34	1191.34	F-1.00	
T.B.M					TBM. 1193.762, F.B. 4316-37, Lge Bt. Spk E. Side P.P. # 2023697		
Curb Grds. for Park Lot #12 (East side) Sta. is along ℄ Park Rd.							
B.C. R=	3			92.59	1193.86	F 1.27	
E.C. R=	3		Same Stake	92.59	1193.86	1.27	
B.C. R=	3			92.77	1193.99	F 1.22	
E.C. R=	3			92.87	1193.97	F 1.10	
37+50				92.92	1193.65	F 0.73	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 146

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 10-25-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	C or F. Top Cb.
37+75				92 95	1193.33	F	0.38
38+00				92 56	1193.02	F	0.46
+25				92 51	1192.70	F	0.19
+50				92 51	1192.38	C	0.13
+75				92 56	1192.06	C	0.50
39+00				92 36	1191.74	C	0.62
+25				92 12	1191.44	C	0.68
+50				92 05	1191.12	C	0.93
+75				91 55	1190.79	C	0.75
40+00				91 06	1190.50	C	0.56
+25				1190 35	1190.25	C	0.10
B.C. R=3				90 03	1190.19	F	0.16
E.C. R=3				88 96	1190.10	F	1.14
B.C. R=3			Rad	88 65	1189.89	F	1.24
E.C. R=3				88 65	1189.79	F	1.14

Curb Grds for Park Lot #10 (west side) Sta. 15 Along Park Rd.

					Grd.	Top Cb	C or F Top Cb.
30+35.19	B.C.R.			1190.90	1191.35	F	-0 45
M.O.C. R=16.5				1188 65	1190.32	F	-1 67
ECR, R=16.5				88 37	89.62	F	-1 25
B.C. R=3				88 37	89.35	F	-0 98
E.C. R=3			Rad	88 37	1189.35	F	-0 98
B.C. R=3				88 47	1189.47	F	1.00
E.C. R=3				88 59	1189.55	F	0.96
30+50				88 71	1189.66	F	0.95
30+75				88 91	1189.88	F	0.89
31+00				89 48	1190.04	F	0.56
+25				89 65	90.28	F	0.63
+50				89 94	90.51	F	0.57
+75				1190 00	90.75	F	0.75
32+00				90 29	90.99	F	0.70
+25				90 68	91.22	F	0.54
+50				91 24	91.46	F	0.22
+75				91 66	91.69	F	0.03
33+00				91 67	91.93	F	0.26
+25				91 77	92.17	F	0.40
+50				91 59	92.40	F	0.81
33+75				91 88	1192.64	F	0.76

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 3940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 147

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D. L. B. DATE 10-28-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	C or F Top Cb.
34+00				1192.20		1192.88	F 0.68 ✓
+25				92.68		93.11	F 0.43 ✓
+50				92.90		93.35	F 0.45 ✓
+75				93.13		93.58	F 0.45 ✓
35+00				93.25		93.82	F 0.57 ✓
+25				Not set		94.06	
B.C. - R=3				1193.44		94.10	F 0.66 ✓
E.C. - R=3				93.16		94.11	F 0.95 ✓
B.C. - R=3			same	93.23		93.97	F 0.74 ✓
E.C. - R=3				93.23		94.00	F 0.77 ✓
B.C. - R=16.5				93.31		94.10	F 0.79 ✓
M.O.C. - R=16.5				93.48		95.04	F 1.56 ✓
B.C.R. - R=16.5 (35+49.2)				1195.31		1196.17	F 0.86 ✓

Curb Grds for Park Lot #10 (East Side) Sta is along ℄ Park Rd.

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	C or F Top Cb.
TBM				1185.66	TBM, El. = 1185.662, F.B. 4316-36, Bt. Spk E. Side T.P.# 2023699E.		
B.C. - R=3							
E.C. - R=3				1188.37		1189.28	F 0.91 ✓
B.C. - R=3				88.86		1189.64	F 0.78 ✓
E.C. - R=3				89.18		1189.70	F 0.52 ✓
30+75				89.55		89.84	F 0.29 ✓
31+00				89.38		90.07	F 0.69 ✓
+25				89.37		90.30	F 0.93 ✓
+50				1189.93		90.52	F .69 ✓
+75				90.28		90.75	F 0.47 ✓
32+00				90.64		90.98	F 0.34 ✓
+25				91.01		91.21	F 0.20 ✓
+50				91.38		91.44	F 0.06 ✓
+75				1191.63		91.67	F 0.04 ✓
33+00				91.69		91.89	F 0.20 ✓
+25				92.04		92.12	F 0.08 ✓
+50				92.31		92.35	F 0.04 ✓
+75				92.61		92.58	C 0.23 ✓
34+00				92.30		92.81	C 0.49 ✓
+25				93.63		93.04	C 0.59 ✓
+50				93.90		93.27	C .63 ✓
+75				1194.11		1193.49	C 0.62 ✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 148

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 10-28-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	C or F. Top Cb.
35+00				1194.06		1193.72	C-0.34
35+25				93.48		1193.90	F 0.42
B.C. - R=3				93.35		1193.93	F 0.58
E.C. - R=3				192.90		1193.91	F 1.01
B.C. R=3				1192.86		1193.76	F 0.90
E.C. R=3 = B.C. - R= 35							

Curb Grds for Park Lot # 2 (East side) Sta. is along ℄ Park Rd.

BM CA-1 — 1165.51 — BM CA-1, El. = 1165.511, F.B. 3857-52, N.W. Cor. DWR Prop. Ridge Rte. (E. Side) 952± No. of Int. Lake Hughes Rd. A 1" I.P. Wood Plug & Nail, 12" dn

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top Cb.	C or F. Top Cb.
B.C.R. = (2+09.46) R= 15'				1175.51		1176.01	F-0.50
M.O.C. - R= 15'				1176.10		75.75	C-0.35
B.C. - R=3 } ELEV. ON RADIAL PT.				1176.51		76.92	F-0.41
E.C. R=3						77.08	F-0.57
B.C. R=3				76.69		78.10	F-1.41
E.C. R=3 (2+24.47)				76.90		78.25	F-1.35
2+50				77.94		79.27	F-1.33
3+00				80.05		81.27	F-1.22
+50				84.19		83.27	F-1.08
4+00				84.14		85.27	F-1.13
4+42.46 - B.C. - R=1203				86.25		86.99	F-0.74
+50				86.62		87.29	F-0.97
+75				87.82		88.27	F-0.45
5+00				88.90		89.25	F-0.35
+25				90.01		90.23	F-0.22
+50				91.22		91.23	F-0.01
5+70.27				92.09		92.03	C-0.06
5+90.67 E.C. Park Lot				92.72		92.76	F-0.04
B.C. R=3				93.18		93.20	F-0.02
E.C. R=3				92.54		93.25	F-0.71
E.C. R=3				92.36		93.03	F-0.67
E.C. R=3						93.04	F-0.68
E. Cor. Park Lot (3) to East				93.76		93.62	C-0.14
" " (3) to No.				93.85		93.62	C-0.23
℄ Park Lot ℄ No. Curb Line				93.72		1193.62	C-0.10

Cross Gutter Grds @ entrance to Lot # 2

	Sta	Elev.	Grade @ F.L.
B.C.	1+20.46	1172.60	1172.60
P.T.	1+54.21	73.58	1173.58
cb	1+64.46	73.98	1173.98
℄	1+73.46	74.42	1174.42
cb	1+94.46	74.86	1174.86
P.T.	1+98.85	75.05	1175.05
B.C.	2+09.46	1175.51	1175.51

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-4-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 149

STATION	B.S.	H.I.	F.S.	ELEV.		
Curb Grds for Park Lot # 2 (West Side) Sta is along ℄ Park Rd.						
					Grd Top Cb.	Corr. Top Cb.
B.C.R. = (1+29.46) R = 35'				1172 97	1173.10	F-0.13
MOC - R = 35'				1174 31	74.82	F-0.51
ECR - R = 35'				1175 04	76.54	F-1.50
℄ Park Lot @ So. Cb Line				1175 69	77.16	F-1.47
B.C. - R = 3'				76 35	77.82	F-1.47
E.C. - R = 3'				76 47	77.86	F-1.39
B.C. - R = 3' } ELEV ON RADIAL PT				76 65	77.89	F-1.24
E.C. - R = 3' }					77.94	F-1.29
B.C. - R = 3'				76 89	78.14	F-1.25
E.C. - R = 3'				77 60	78.22	F-0.62
2+00				78 30	78.43	F-0.13
+50				79 58	79.69	F-0.11
3+00				81 71	81.69	C-0.02
+50				83 30	83.69	F-0.39
4+00				85 03	85.69	F-0.66
4+42.46 - B.C. - R = 1073				86 55	87.43	F-0.88
+50				86 77	87.69	F-0.92
+75				87 58	88.45	F-0.87
5+00				88 61	89.33	F-0.72
+25				89 79	90.21	F-0.42
+50				90 16	91.09	F-0.93
5+70.27				90 52	91.81	F-1.29
B.C. - R = 3'				90 93	92.44	F-1.51
E.C. - R = 3'				90 91	92.51	F-1.60
B.C. - R = 3' } ELEV. ON RADIAL PT				91 50	92.76	F-1.26
E.C. - R = 3' }					92.82	F-1.32
N.W. Cor. Park Lot 3 West				92 63	1193.62	F-0.99
" " " 3 No.				92 88	1193.62	F-0.74
Curb Grades for Park Lot # 8 (West Side) Sta. is along ℄ Park R						
BMCA-65				1193 32	BMCA-65, El = 1193.324, F.B. 4316-36, 1" I.P. & Conc Plug & Sm. Bt. Spk., N 366,900.00 E 814,900.00	
					Grd Top Cb.	Corr Top Cb.
B.C.R. = 24+14.92 - R = 16.5				1192 01	1192.12	F 0.11
M.O.C. - R = 16.5				90 00	1191.09	F 1.09
EC.R - R = 16.5				89 38	1190.06	F 0.68
B.C. - R = 3				89 33	1190.12	F 0.79
E.C. - R = 3				89 33	1190.23	F 0.90

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 150

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 11-4-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top cb	Cor F. Top cb	
BC.-R=3				1189 64	11	90.30	F 0.66	✓
EC.-R=3				90 90	11	90.37	C 0.53	✓
24+25						90.47		
+50						90.88		
+75				90 95		91.22	F 0.27	✓
25+00				91 67		91.50	C 0.17	✓
25+25.57 = B.C.				91 95		91.69	C 0.26	✓
+50				91 98		91.75	C 0.23	✓
+75				91 87		91.69	C 0.18	✓
26+00				91 76		91.51	C 0.25	✓
+25				91 60		91.27	C 0.33	✓
+50				91 32		91.04	C 0.28	✓
+75				91 17		90.80	C 0.37	✓
27+00				90 97		90.56	C 0.41	✓
+25				90 48		90.33	C 0.15	✓
+50				89 84		90.09	F 0.25	✓
+75				89 70		89.85	F 0.15	✓
28+00				89 41		89.62	F 0.21	✓
+25				89 56		89.38	C 0.18	✓
+50				89 59		89.15	C -0.44	✓
.C.-R=3				89 26		89.02	C -0.24	✓
EC.-R=3				88 45		88.97	F 0.52	✓
.C. R=3				87 96		88.62	F 0.66	✓
.C.-R=3				87 96		88.59	F 0.63	✓
.C.R-R=16.5				87 83		88.59	F 0.76	✓
.AOC.-R=16.5				88 89		89.71	F 0.82	✓
C.R-R=16.5 = 28+91.21				90 66	11	90.65	C -0.01	✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.W.B. DATE 11-5-76

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 151

STATION	B.S.	H.I.	F.S.	ELEV.		
Curb Grds. East Side Lot #8, Sta is along ℄ Park Road.						
B.M. CA-65				1193.32	BM CA-65, El. = 1193.324, F.B. 4316-36, 1" I.P. & SPK	
					Top Gd Cb	℄ of F. Top Cb.
BC-R=3		Same Stk		1189.05		
EC-R=3				89.05	1190.19	F 1.14
B.C. R=3				90.25	90.66	F 0.41
E.C. R=3				91.16	90.73	C 0.43
24+50				91.10	90.88	C 0.22
+75				91.10	91.22	F 0.12
25+00				91.18	91.50	F 0.32
25+25.57 = BC-R=973				91.24	91.69	F 0.45
+50				91.01	91.75	F 0.74
+75				91.29	91.69	F 0.40
26+00				91.25	91.51	F 0.26
+25				90.96	91.25	F 0.29
+50				1191.15	90.98	C 0.17
+75				90.99	90.72	C 0.27
27+00				90.75	90.46	C 0.29
+25				90.24	90.19	C 0.05
+50				90.02	89.93	C 0.09
+75				90.04	89.66	C 0.38
28+00				89.77	89.40	C 0.37
+25				89.21	89.14	C 0.07
+50				88.22	88.87	F 0.65
BC-R=3				86.87	88.64	F 1.77
EC-R=3				87.28	88.59	F 1.31
BC-R=3				87.50	1188.52	F 1.02
EC-R=3				87.50		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 152

JOB NO. 9940.02 SURVEY OF Castaic Afterbay 28.95 NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 11-5-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.			
	Curb Grds Lot # 11, So. Side						
TBM				1193.76	TBM El. = 1193.762, F.B. 4316-37, Spk E. Side		
					P.P. # 2023697 E		
					Grd. Top cb	Cor Top cb	
B.C. - R = 3			Same point 3' Rad	1192.86	1193.76	F - 0.90	
E.C. - R = 3				1192.86	93.56	F 0.70	
BC. - R = 35				92.85	93.40	F 0.55	
MOC. - R = 35				92.43	92.50	F 0.07	
B.C. - R = 3			Same Point 3' Rad	90.95	91.91	F 0.96	
E.C. - R = 3				90.95	91.89	F 0.94	
B.C. - R = 3				90.85	91.92	F 1.07	
E.C. - R = 3 =	1+00.33			91.63	91.88	F 0.25	
1+50				90.31	90.55	F 0.24	
2+00				88.73	89.10	F 0.37	
+50				86.86	87.65	F 0.79	
3+00				85.24	86.20	F 0.96	
+50				83.80	84.69	F 0.89	
4+00				83.11	83.23	F 0.12	
BC - R = 3,	4+17.63			83.18	82.71	C 0.47	
EC - R = 3				82.68	82.58	C 0.10	
BC - R = 3			Same Point	81.87	82.43	F 0.56	
EC - R = 3				81.87	82.38	F 0.51	
E. Cor. Lot ③ East				81.55	82.35	F 0.80	
℄ Lot ⓒ East end.				81.64	82.35	F 0.71	
Cor. Lot ③ both ways				81.60	82.35	F 0.75	
35' E'ly				81.47	82.10	F 0.63	
70' E'ly = Cor Lot ③ So. (end cb)				81.42	81.85	F 0.43	
BM					TBM El = 1190.502, F.B. 4316-36, Spk E. Side, P.P. # 2023698		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 153

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-5-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

Curb Grds. Lot # 11 No. Side

P.P. # 2023697

T.B.M.				1193 76	TBM. El. = 1193.762, F.B. 4316-37, Spk. E. Side	
					Grd Top Cb	Cor F. Top Cb.
BC-R=3, & R=35				1192 59	1193.86	
MOC.-R=35				92 26	92.50	F 0.24 ✓
EC-R=35				91.16	92.02	F 0.86 ✓
BC-R=3				90 92	91.93	F 1.01 ✓
EC-R=3	= 0+89.62		Same Point 2 Rad	90 92	91.93	F 1.01 ✓
B.C. R=3				91 31	92.13	F 0.82 ✓
E.C. R=3				91 92	92.09	F 0.17 ✓
1+00				91 52	91.80	F 0.28 ✓
+50				89 94	90.39	F 0.45 ✓
2+00				88 24	88.98	F 0.74 ✓
+50				86.71	87.58	F 0.87 ✓
3+00				85 25	86.17	F 0.92 ✓
+50				84 05	84.76	F 0.71 ✓
4+00				82 86	83.35	F 0.49 ✓
BC.-R=3 = 4+06.72				83 05	83.15	F 0.10 ✓
EC.-R=3				82 80	83.04	F 0.24 ✓
BC.-R=3			Same Point	82 15	82.34	F 0.19 ✓
EC-R=3				82 15	82.27	F 0.12 ✓
33.27 E'ly				81 92	82.02	F 0.10 ✓
68.27 E'ly = end Cb.				81 54	1181.77	F 0.23 ✓

Curb Grds for 16.5 Circle @ West end Lot # 11

					Grd Top Cb	Cor F. Top Cb
R=16.5	③ W'ly			1194 55	1195.49	F 0.94 ✓
"	③ N'ly			93 71	1194.80	F 1.09 ✓
"	③ E'ly			93 30	1194.69	F 1.39 ✓
"	③ S'ly			93 91	1195.39	1.48 ✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 154

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
					Curb Grds. Park Lot # 9 (No. Side)		
TBM				1185.66	TBM El. = 1185.662, F.B. 4316-36 Spk - E. Side		
					P.P. # 2023699E		
					Grd. Top Cb.	Cor F. Top Cb.	
E.C. - R=3				1188 37	1189.28	F -0.91	
B.C. - R=35				88 37	89.17	F 0.80	
M.O.C. R=35				86 77	87.65	F 0.88	
E.C. R=35				85 44	86.06	F 0.62	
B.C. - R=3				85 40	86.00	F 0.60	
E.C. - R=3				85 40	85.94	F 0.54	
B.C. - R=3				85 71	86.39	F 0.68	
E.C. R=3	0+99.27			85 50	86.41	F 0.91	
1+50				84 25	84.83	F 0.58	
2+00				82 56	83.22	F 0.66	
+50				81 26	81.61	F 0.35	
3+00				79 64	80.00	F 0.36	
+50				77 96	78.38	F 0.42	
4+00				76 38	76.78	F 0.40	
C-R=3, =	4+15.75			76 31	76.10	C 0.21	
.C. R=3				75 70	75.99	F 0.29	
.C. - R=3				75 19	75.45	F 0.26	
.C. - R=3				75 19	75.36	F 0.17	
C. R=3, Δ=90°				74 97	74.69	C 0.28	
.C. R=3, Δ=90°				74 20	74.61	F 0.41	
No. Side Curb opening				74 86	74.52	C 0.24	C 32
No. Side Curb opening				74 77	74.54	C 0.23	C 23
of Lot @ East end.				75 08	1175.40	F 0.32	
MCA-63					BM CA-63, El. = 1176.374, F.B. 4316-152,		
					1" I.P. & C.E. Tag, Near N.E. Cor Lot # 9		
					Restake W'ly ½ circle 3-18-75		
					Curb Grds for 16.5 Circle West end. Lot # 9		
					Grd. Top Cb.	Cor F. Top Cb.	Cb. Grd.	Cor F.	3-18-75
= 16.5	③ W'ly			1190 56 (90 44)	1190.67	F 0.11	1190.50	F-0.06	on ch + vault
"	③ N'W'ly			89 46 (89 49)	1190.31	F 0.85	1190.36	F-0.87	Before
"	③ N'ly			88 90	1189.94	F 1.04			break in
"	③ N.E'ly			88 12	1189.40	F 1.28			water line
"	③ E'ly			88 05	88.85	F 0.80			
	③ SE'ly			88 01	89.23	F 1.22			
	③ S'ly			88 70	89.60	F 0.90			
	③ SW'ly			89 79	1190.14	F 0.35	1190.16	F-0.94	
				89 22	89.57				

Feb 18, 1975

as Bilt	Top Curb
90.50	0.34
90.36	0.35
89.96	9.96
89.30	9.30
88.99	9.00
89.16	9.13
87.61	9.63
90.[illegible]	0.10

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940,02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-6-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 155

STATION	B.S.	H.I.	F.S.	ELEV.			
					Curb Grades Lot# 9 (So. Side)		
TBM				1185.66	TBM El. 1185.662, F.B. 4316-36, Spk E. Side P.P.# 2023699 E.		
					Grd.	T or F. Curb	C or F. Top cb.
BC-R=3					88.52	F 1.02	
BC.-R=35				87.50	88.41	F 0.91	
MOC.-R=35				86.47	87.57	F 1.10	
EC.-R=35, BC. R=3				85.22	86.22	F 1.00	
EC.-R=3				85.22	86.14	F 0.92	
B.C.-R=3				85.22	86.05	F 0.83	
E.C-R=3 - 1+14.28				85.09	86.01	F 0.92	
1+50				83.82	84.97	F 1.15	
2+00				83.80	83.55	C 0.25	
+50				83.04	82.11	C 0.92	?
3+00				1179.77	80.67	F 0.90	
+50				77.56	79.23	F 1.67	
4+00				76.61	77.79	F 1.18	
4+31.86 = BC-R=3				76.25	76.88	F 0.63	
E.C.-R=3				75.92	76.75	F 0.83	
B.C.-R=3				75.69	76.55	F 0.86	R STK
E.C-R=3				75.69	76.50	F 0.81	R. STK
B.C.-R=3				75.50	76.50	F 1.00	R STK
E.C.-R=3				74.85	1176.44	F 1.59	
B.M. CA-63					BM CA-63, El. = 1176.374, F.B. 4316-52. 1" I.P. & C.E. Tag, Near N.E. Cor Lot# 9		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 156

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkhotter DATE
NOTES BY D.L.B. DATE 11-7-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
Curb Grds Park Lot # 5 (E. Side)						
BMCA-44					BMCA-44, El. = 1193.044, F.B. 4316-36	
					1" I.P. & Sm. Bt. Spk.	
					Grd Top Cb Corr	
BCR - R=16.5				1192 87	1193.96	F 1.09
MOC - R=16.5				91 62	1191.51	C 0.11
ECR - R=16.5				90 81	1190.25	C 0.56
BC - R=3				91 67	90.82	C 0.85
EC - R=3				91 68	90.88	C 0.80
BC - R=3				90 38	90.71	F 0.33
EC - R=3				90 05	90.63	F 0.58
B.C. - R=3				89 29	90.14	F 0.85
E.C. - R=3				89 29	90.12	F 0.83
B.C. - R=3				89 53	90.42	F 0.89
E.C. - R=3, 0+68.29				89 30	90.40	F 1.10
0+98.06				87 33	1189.50	F 2.17
1+50				87 74	1187.96	F 0.22
2+00				85 41	1186.40	F 0.99
+50				83 77	1184.84	F 0.87
3+00				82 48	1183.08	F 0.60
+50				79 60	1181.52	F 1.92
4+00				78 03	1179.96	F 1.95
+50				76 92	1178.40	F 1.48
5+00				75 59	1176.84	F 1.25
5+41.62 = B.C. - R=3				74 55	75.55	F 1.00
E.C. - R=3				74 40	75.46	F 1.06
B.C. - R=3				73 87	74.94	F -1.07
E.C. - R=3				73 87	74.86	F -0.99
S.E. Cor. Lot ③ East				73 42	1174.30	F 0.88
" " " ③ So.				73 44	1174.30	F 0.86
℄ Park Lot @ So. end				73 20	1174.30	F 1.10
BMCA-42					BMCA-42, El = 1173.851, F.B. 4316-9, 1" I.P.	
					& Sm. Bt. Spk. @ So. end Lot # 5	

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 157

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-7-74

DATE _____ INDEXED _____ DATE _____

Curb Grds. Lot #5, West Side.

STATION	B.S.	H.I.	F.S.	ELEV.	Grd. Top Ch.	C or F Top Ch.
B.M. CA-44				1193.04	B.M. CA-44, El. = 1193.04, F.B. 4316	
B.C.R.-35				1193.84	1196.64	F 2.80
M.O.C.-R-35				91.34	93.72	F 2.38
EC-R=35 = BC-R=3				89.81	90.98	F 1.17
E.C.-R=3				91.81	90.81	F 1.00
B.C.-R=3				89.42	90.56	F 1.14
E.C.-R=3	1+64.41			89.39	90.45	F 1.06
2+00				88.59	88.39	C-0.20
+50				86.01	85.94	C-0.07
3+00				83.38	83.94	F-0.56
+50				81.22	81.94	F-0.72
4+00				79.89	79.94	C-0.05
+50				77.05	77.94	F-0.89
5+00				75.57	75.94	F-0.37
BC-R=3, = 5+54.62				74.26	74.31	F-0.05
E.C.-R=3				73.18	74.19	F-1.01
B.C.-R=3			same	73.78	74.10	F 0.32
E.C.-R=3				73.78	74.11	F 0.33
S.W. Cor. Lot. (5) West				72.98	74.30	F 1.32
" " (3) So.				72.80	74.30	F 1.50
℄						

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 158

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		
		Curb Grds for Park Lot #6 (W. Side)				
BM CA-44				1193.04	BM CA-44, El = 1193.044, F.B. 4316-36	
					1" I.P. & Sn. Bt. Spk.	
					Grd. Top Cb.	Cor. Top Cb.
B.C.R.-R=35				1194.47	1196.64	F 2.17
MOC-R=35				1193.71	95.37	F 1.66
ECR-R=35				93.48	94.10	F 0.62
BC-R=3			same stk	93.50	94.20	F 0.70
EC-R=3				93.50	94.25	F 0.75
BC-R=3				93.62	94.33	F 0.71
EC-R=3				94.04	94.38	F 0.34
0+84.24				94.05	94.56	F 0.51
1+00				94.02	94.40	F 0.38
+25				94.15	94.15	Gr
+50				93.40	93.89	F 0.49
+75				92.79	93.64	F 0.85
2+00				92.38	93.38	F 1.00
+25				92.28	93.13	F 0.85
2+49.24	EC-R=1500			93.00	92.88	C 0.12
3+00				92.64	92.37	C 0.27
3+50				92.43	91.86	C 0.57
BC-R=3				92.04	91.40	C 0.64
EC-R=3				90.68	91.33	F 0.65
BC-R=3			same stk	90.45	91.04	F 0.59
EC-R=3				90.45	91.08	F 0.63
MOC-R=16.5				90.31	92.05	F 1.74
BCR-R=16.5				92.70	1193.43	F 0.73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. 4315 PG. 159

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
				Curb Grds. Park Lot #6 (East Side)			
BM CA-44				1193 04	BM CA-44, El. = 1193.094, F.B. 4316-36		
					1" I.P. & Sm. Bt. Spk.		
					Grd.	TOP Curb.	Cor F Top Cb.
B.C. - R=3			Same Spk	1193 25	1194.21		F 0.96
E.C. - R=3				1193 25	94.26		F 1.01
B.C - R=3				93 56	94.62		F 1.06
E.C - R=3				93 35	94.64		F 1.29
0+84.24				93 47	94.56		F 1.09
1+00				93 33	94.40		F 1.07
+25				93 17	94.15		F 0.98
+50				92 86	93.84		F 0.98
+75				92 64	93.64		F 1.00
2+00				92 43	93.38		F 0.95
+25				92 58	93.13		F 0.55
2+49.25	EC-R=1500			92 15	92.88		F 0.73
3+00				91 44	92.37		F 0.93
+50				90 85	91.86		F 1.01
B.C-R=3				90 33	91.38		F 1.05
E.C-R=3				90 31	91.30		F 0.99
B.C.-R=3				90 30	91.16		F 0.86
E.C.-R=3				90 30	90.96		F [illegible]
B.C-R=35				90 26	90.87		F 0.61
M.O.C. R=35				89 36	89.52		F 0.16
E.C.-R=35 = B.C.-R=3				87 11	88.16		F 1.05

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

P.B. 4315 PG. 160

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 10-11-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
		Curb Grds. Park Lot # 7 (So. Side)				
M CA-65				1193.32	BM CA-65, El. = 1193.32, F.B. 4316-36	
					1" I.P. & Sm. Bt. Spk, N 366, 900.00 E 814, 900.00	
					Grd. Top Cb.	C or F Top Cb.
c-R=3				1187 11	1188.16	F-1.05
.C-R=3				1187 11	88.05	F 0.94
3.C-R=3				86 90	87.81	F 0.91
.C-R=3 =	0+97.01			87 54	87.72	F 0.18
1+50				84 43	85.40	F 0.97
2+00				82 27	83.40	F 1.13
2+46				80 63	81.56	F 0.93
2+75				81 45	80.72	C 0.73
.C-R=3, =	3+00.02			79 70	80.70	F-1.00
.C. R=3				80 40	80.61	F 0.21
.C-R=3				79 87	80.28	F 0.41
.C. R=3				79 87	80.22	F 0.35
S.E. Cor. Lot	3	So.		0 33	80.30	C-0.03
" "	3	East		80 33	1180.30	C-0.03
k Lot @ ~~East~~ end				80 13	1180.80	F 0.67

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9540.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-11-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 161

STATION	B.S.	H.I.	F.S.	ELEV.			
Curb Grds. Park. Lot # 7 (No. Side)							
BM. CA-65				1193.32	BM CA-65, El. = 1193.32, F.B. 4316-36 N 366,900.00 E 814,900.00 1" I.P. & Sm. Bt. Spk.		
					Grd.	Top Curb	C or F. Top Cb.
B.C. - R = 3				1189.05	1190.09	F	1.04
B.C.R R = 35				88.96	90.02	F	1.06
M.O.C - R = 35				87.75	89.00	F	1.25
E.C.R. - R = 35				87.00	87.98	F	0.98
B.C - R = 3			Same spk	86.69	87.69	F	1.00
E.C - R = 3				86.69	87.67	F	0.98
B.C. - R = 3				87.00	87.97	F	0.97
E.C. - R = 3 =	0+91.24			88.96	87.93	C	0.97
1+00				88.82	87.59	C	1.23
+50				86.93	86.04	C	0.89
2+00				86.06	84.04	C	2.02
2+57.49				81.20	81.64	F	0.44
B.C. - R = 3 =	2+73.65			80.10	81.07	F	0.97
E.C. - R = 3				79.71	81.00	F	1.29
B.C. - R = 3				79.37	80.87	F	1.50
E.C - R = 3				79.37	80.89	F	1.52
N.E. Cor. Lot.	(3) No.			79.99	81.30	F	1.31
" "	(3) East.			80.25	1181.30	F	1.05
Curb Grds. for 16.5 Circle @ W. end Lot # 7							
					Grd.	Top Cb.	C or F. Top Cb.
R = 16.5	(3) W'ly			1191.31	1192.12	F	0.81
"	(3) N'ly			1190.02	1191.09	F	1.07
"	(3) E'ly			89.54	1190.46	F	0.92
"	(3) S'ly			90.49	1191.85	F	1.36

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 162

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 11-12-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.			
		Curb Grds. on Access Rd. from Old Ridge Rte. to Park Rd (6+66.18)					
BMCA-4				1212 32	BMCA-4, El. = 1212.317, F.B. 4316-10, Co. Engr. Mon.		
					Grd.	Top Cb	Corr. Top Cb.
0+00	Int.	Old Ridge Rte					
0+10±	78±	Rt.	edge Pvmt. (Join exist.)	1190 79			
	78±	Lt.	edge Pvmt (Join exist.)	1195 39			
0+50		Rt.	= end Cb.	92.37	1193.08	F	-0.71
		Lt.	= end cb.	94 39	1195.00	F	-0.61
0+		Rt.	B.C.R.	92 74	1193.39	F	0.65
		Lt.	B.C.R.	94 02	1194.85	F	0.83
0+80	20'	Rt.	E.C.R.	93 40	1194.49	F	1.09
	20'	Lt.	E.C.R.	95 10	1194.49	C	0.61
1+05	20'	Rt.		93 53	1194.89	F	1.36
	20'	Lt.		95 43	1195.08	C	0.35
1+30	20'	Rt.		94 15	1195.30	F	1.15
	20'	Lt.		95 88	1195.66	C	0.22
1+55	20'	Rt.		94 48	1195.70	F	1.22
	20'	Lt.		96 33	1196.25	C	0.08
1+78.50	20'	Rt.	= B.C.R. - R=35	94 71	1196.08	F	1.37
	20'	Lt.	= B.C.R. - R=35	96 90	1196.80	C	0.10
1+82		Rt.	= M.O.C. - R=35	94 80	1195.29	F	0.49
		Lt.	= M.O.C. - R=35	99 02	1198.45	C	0.57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-12-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 168

STATION	B.S.	H.I.	F.S.	ELEV.		
	Curb Grds on Access Rd. from Park Place (19+45.96) to Lots #5 & #6					
BM CA-44				1193.04	BM CA-44, El = 1193.044, F.B. 4316-36	
					1" I.P. & Sm. Bt. Spk.	
					Top Grd. Curb	Cor F Top Ch.
1+00	℄ Int. Park Rd.					
1+22.25	22.25 Rt = MOC-R=35			0919	1210.02	F 0.83
Δ=49-49-44	Lt.			1205.79	1207.57	F 1.86
Δ=20-05-08	Lt.			1206.45	1208.06	F 1.61
1+47	12' Rt = ECR-R=35			0681	1207.57	F 0.76
	12 Lt = ECR-R=35			0607	1207.57	F-1.50
1+72	12' Rt			0428	1205.70	F-1.42
	12' Lt.			0420	1205.70	F 1.50
1+99.29	12 Rt.			1202.07	1203.41	F 1.34
	12 Lt.			1201.84	1203.41	F 1.57
2+26.58=BC	12' Rt.			1200.23	1201.12	F 0.89
	12 Lt.			9952	1201.12	F 1.60
2+46.42	12 Rt.			9792	1199.45	F 1.53
	12 Lt.			9783	1199.45	F 1.62
2+66.26	12 Rt.			9588	1197.78	F 1.90
	12 Lt.			9580	1197.78	F 1.98
2+81.26=E.S.	12 Rt.			1193.84	1196.64	F-2.80
	12 Lt			1194.47	1196.64	F-2.17

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

ROFILE LEVEL NOTES
:E 307
'6-L-298-4/73

F.B. 4315 PG. 164

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 165

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-14-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	
	Curb Grds. on Access Rd. from Lake Hughes Rd. to Old Ridge Rte.				
BM CA-35					BM CA-35, El. = 1149.669, F.B. 4316-7, S.E. Cor. DWR Property, 2" I.P. Conc. & C.E. Tag
0+00	℄ Int. Lake Hughes Rd.				
0+24±	& @ edge Pvmt.				
	58± Rt. Join Pvmt.				
	58± Lt. Join Pvmt.				
0+50	℄ M.O.C. - R=5				
0+52±	30± Rt. 4/2				
	30± Lt. = 4/2				
0+55	5' Rt. C.R. - R=5				
	5' Lt. C.R. - R=5				
0+63±	22± Rt. = 4/4				
	22± Lt. = 4/4				
0+77	5' Rt.				
	19' Rt.	ECR - R=35 (end cb)			
	5' Lt.				
	19' Lt.	ECR - R=35 (end cb)			
0+92	5' Rt.				
	19' Rt.				
	5' Lt.				
	19' Lt.				
1+07	5' Rt.				
	19' Rt.				
	5' Lt.				
1+09	19' Lt.	Begin Dwy to Pump Sta #1			
1+33	5' Rt.				
	19' Rt.				
	5' Lt.				
	19' Lt.	end Dwy to Pump Sta			
1+44.72	5' Rt.				
	19' Rt.	B.C. east cb.			
	5' Lt.				
	19' Lt.				
1+70	5' Rt.	Begin taper			
	19± Rt.				
	5' Lt.	Begin taper			
	19± Lt.				

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 166

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 11-14-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.		H.I.	F.S.	ELEV.
2+00.65	5'	Rt.	C.R. - R=3		
	19±	Rt			
	5'	Lt.	C.R. - R=3		
	19±	Lt.			
2+25	±	Rt			
	±	Lt.			
2+40.97	±	Lt.	B.C.W. curb.		
2+50	±	Rt			
	±	Lt.			
2 + 73.00	13.08	Rt.	P.R.C - E. curb.		
	±	Lt.			
2+97.82	±	Lt.	(℄ E.C.)		
3+19.78	±	Lt.	(℄ Int. to East)		
3+35.02	12'	Lt	E.C. W. curb.		
3+46.78	12'	Rt	B.C.R - R=15'		
	12'	Lt.			
3+75	12'	Rt.			
	12'	Lt.			
4+00	12'	Rt.			
	12'	Lt.			
+25	12'	Rt.			
	12'	Lt.			
4+50	12'	Rt.			
	12'	Lt.			
5+09.78	B.C.	12'	Rt		
	B.C.	12'	Lt.		
+25	12'	Rt.			
	12'	Lt.			
+57.99	B.V.C.	12'	Rt.		
	B.V.C.	12'	Lt		
+82.11	12'	Rt			
	12'	Lt.			
+06.22	12'	Rt.			
	12'	Lt.			
+30.33	12'	Rt.			
	12'	Lt.			
+54.43	12'	Rt.			
	12'	Lt.			

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-15-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 167

STATION	B.S.	H.I.	F.S.	ELEV.	Grd	Top Cb.	C or F. Top Cb.	
6+78.54	12' Rt.							
	12' Lt.							
7+02.65	PRVC - 12' Rt.							
	PRVC - 12' Lt.							
7+19.65	12' Rt.							
	12' Lt.							
7+36.65	12' Rt.							
	12' Lt.							
7+50.87	E.C. 12' Rt.							
	12' Lt.							
7+70.65	EVC, 12' Rt							
	EVC - 12' Lt.							
7+94.81	12' Rt. - BCR-15							
	12' Lt.							
8+21.81	12' Lt. (℄ Int. Rt)							
8+50	12' Lt.							
8+62.23	12' Lt. Begin Trans.			1146 34	1146.04	C	0.30	1x2 ℄ tin 3' 9/5
8+66.81	12' Lt. B.C.			48 23	1145.99	C	2.24	1x2 ℄ tin 8' 9/5
	12' Rt B.C.R. - Begin Trans.			43 30	1145.99	F	2.69	1x2 ℄ tin 8' 9/5
8+67.55	12' Lt. So end C.B.			+ 48 05	1145.99	C	2.06	1x2 ℄ tin 8' 9/5
8+71.53	12' Rt. So end C.B.			42 92	1145.99	F	3.07	1x2 ℄ tin 8' 9/5
8+75.00	12' Lt. ℄ C.B.			+ 48 21	1145.99	C	2.22	1x2 ℄ tin 8' 9/5
8+78.13	12' Rt. ℄ C.B.			42 72	1145.99	F	3.27	1x2 ℄ tin 8' 9/5
8+82.45	12' Lt No. end C.B.			+ 49 00	1145.99	C	3.01	1x2 ℄ tin 8' 9/5
8+84.73	12' Rt. No. end C.B.			42 87	1145.99	F	3.12	1x2 ℄ tin 8' 9/5
8+87.77	12' Lt end Trans.			+ 49 02	1146.04	C	2.98	1x2 Tin 8' 9/5
8+89.45	12' Rt. end Trans.			43 25	1146.04	F	2.79	1x2 Tin 8' 9/5
9+00	BVC. 12' Rt.			45 08	46.10	F	1.02	1x2 Tin 3' 9/5
	B.V.C. 12' Lt.			1147 98	46.10	C	1.88	1x2 Tin 3' 9/5
+25	12' Rt.			1145 86	46.47	F	0.61	
	12' Lt.			1147 48	46.47	C	1.01	
+50	12' Rt.			46 71	47.07	F	0.36	
	12' Lt.			48 86	47.07	C	1.79	
+75	12' Rt.			47 48	47.90	F	0.42	
	12' Lt.			49 39	47.90	C	1.49	
10+00	12' Rt.			48 83	48.98	F	0.15	
	12' Lt.			49 07	48.98	C	0.09	
+25	12' Rt.			50 65	50.28	C	0.37	
	12' Lt.			50 96	50.28	C	0.68	
10+50	E.V.C. 12' Rt.			52 18	51.81	C	0.37	
	E.V.C. 12' Lt.			52 27	1151.81	F	0.46	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 168

892

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 11-14-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
BM. CA 38				1159 05	BM. CA-38, El. = 1159.050, F.B. 4316-7,	
					NE'ly Cor. DWR Prop. 2" I.P. & C.E. Tag	
					Grd. Top cb.	Cor F. Top cb.
10+75	BVC - 12' Rt.			52 99	1153.45	F 0.46
	BVC - 12' Lt.			53 15	53.45	F 0.30
11+00	12' Rt.			55 38	55.00	C 0.38
	12' Lt.			55 55	55.00	C 0.55
+25	12' Rt.			56 54	56.36	C 0.18
	12' Lt.			57 62	56.36	C 1.26
+50	12' Rt.			57 50	57.53	F 0.03
	12' Lt.			57 67	57.53	C 0.14
11+57.93	E.C. 12' Rt.			57 28	1157.84	F 0.56
	E.C. 12' Lt.			1157 93	1157.84	C 0.09
11+75.00	12' Rt. EVC.			57 94	1158.50	F 0.56
	12' Lt. EVC.			58 16	1158.50	F 0.34
12+00	12' Rt.			58 50	59.37	F 0.87
	12' Lt.			59 14	59.37	F 0.23
12+25	12' Rt.			59 57	60.25	F 0.68
	12' Lt.			59 50	60.25	F 0.75
+50	12' Rt.			60 48	61.12	F 0.64
	12' Lt.			60 86	61.12	F 0.26
+75	12' Rt.			61 9[illegible]	62.00	F 0.09
	12' Lt.			60 90	62.00	F 1.10
12+99.87	B.C. 12' Rt.			63 02	62.87	C 0.15
	B.C. 12' Lt.			61 89	62.87	F 0.98
13+25	12' Rt.			64 07	63.74	C 0.33
	12' Lt.			62 62	63.74	F 1.12
+50	12' Rt.			65 43	64.61	C 0.82
	12' Lt.			63 90	64.61	F 0.71
+75	12' Rt.			66 61	65.49	C 1.12
	12' Lt.			64 83	65.49	F 0.66
13+93.16	E.C. - 12' Rt.			67 30	66.14	C 1.16
	E.C. - 12' Lt.		TP	65 68	66.14	F 0.46
14+00	12' Rt.			67 54	66.38	C 1.16
	12' Lt.			65 90	66.38	F 0.48
+25	12' Rt.			67 99	67.25	C 0.74
	12' Lt.			66 57	67.25	F 0.68
14+47.35	B.V.C. 12' Rt.			68 19	68.03	C 0.16
	B.V.C. 12' Lt.			67 05	1168.03	F 0.98

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 169

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY _____ DATE 11-14-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Top Grd. Cb.	Corr. Top Cb.				
14+67.35	B.C.R. - 12' Rt.			1168 23	1168.59	F 0.36 ✓	Rt M.O.C.	Elev 68.67	Gr 1169.20	Corr F-0.53
	12' Lt.			1167.35	68.59	F 1.24 ✓				
14+87.35	E.V.C. - 12' Lt.			67 66	68.88	F 1.22 ✓	Rt	Elev	Gr.	Cor F
15+14.54	℄ Int.	12' Lt.		1168 25	69.08	F 0.83 ✓	MOC	1170.03	1169.53	C-0.50
15+61.53	B.C.R.	12' Rt.		69 89	69.43	C-0.46 ✓				
15+61.53	12' Lt.			69 36	69.43	F-0.07 ✓	Gross Gut Grds. @ C+00 on			
+75	12' Rt.			1170 21	69.53	C-0.68 ✓	Park Rd.			
	12' Lt.			69 45	69.53	F-0.08 ✓	Sta	Elev.	Flow Line Grade	
16+00	12' Rt.			70 58	69.72	C-0.86 ✓	B.C.R. 14+67.35		1168.09	
	12' Lt.			69 73	69.72	C-0.01 ✓	℄ Pt. 14+92.10		1168.35	
16+07.76	12' Rt.	Begin Dwy		70 51	69.78	C-0.73 ✓	Cb. 15+02.35 ✓		1168.46	
~~16+25~~	12 Lt			69 52	69.90	F-0.38 ✓	℄ 15+14.54		1168.58	
16+29.76	12' Rt	end Dwy		70 40	69.95	C-0.45 ✓	Cb. 15+26.53 ✓		1168.67	
16+47.35	12' Rt			70 23	70.08	C-0.15 ✓	℄ Pt. 15+36.76		1168.75	
17 59	12' Lt.			69 80	70.08	F-0.28 ✓	B.C.R. 15+61.53		1168.95	
16+62.35	12' Rt.	end Conc. Cb., B.C.R. Begin A.C. Dike		70 46	70.33	C-0.13 ✓				
16+62.73	12' Lt.	end Conc. Cb. Begin A.C. Dike		69 56	70.16	F-0.60 ✓	Top pipe	So. End 1169.13		
✓ 16+92.73±	12' Rt.	E.C.R.		71 41	71.65	F-0.24 ✓	" "	North End 1171.44		
✓ 16+92.73	12' Lt.	B.C.R.		69 50	70.42	F-0.92 ✓				
✓ Rt. side end Dike				72 71	72.61	C-0.10 ✓				
✓ Lt. side end Dike				70 50	70.66	F-0.16 ✓				
Rt. side join exist.				74 13						
Lt. side join exist.				70 40						

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 170

JOB NO. 5940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 11-21-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
		Curb Grds. Park Lot # 13 (So. Side) (See F.B. 4316-184)				
T.B.M.				1193 76	T.B.M. El. = 1193.762, F.B. 4316-37, Bt. Spk E. Side	
					P.P. # 2023697E.	
					Grd. Top Cb.	Cor F. Top Cb.
E.C. - R=3				8865	1189.79	F 1.14
E.C. R=991				Not set	89.57	
B.C. - R=35				1188 46	89.55	F 1.09
M.O.C. - R=35				8803	89.15	F 1.12
E.C. - R=35				8767	88.69	F 1.02
2+00				8800	88.45	F 0.45
B.C. - R=3			3' Rad.	793	87.95	F 0.02
E.C. - R=3				793	87.94	F 0.01
B.C. - R=3				8822	87.85	C 0.37
E.C. - R=3 = 2+26.99				8870	87.84	C 0.86
2+75				8762	86.92	C 0.70
3+25				8747	86.02	C 1.45
3+75				8638	85.12	C 1.26
4+25				8389	84.22	F 0.33
B.C. - R=3 = 4+61.35				8337	83.50	F 0.13
E.C. - R=3				8246	83.44	F 0.98
B.C. - R=3			3' Rad.	8235	83.24	F 0.89
E.C. - R=3				8234	83.18	F 0.84
4+75 = S.E. Cor. Lot.		③ S'ly		8243	83.00	F 0.57
" "		③ E'ly		8215	83.00	F 0.85
4+75 ℄ Lot @ E end.				1182 03	82.25	F 0.22
		Curb Grades Lot # 13 (No. Side)				
10+46.63 = E.C. - R=1048					1191.23	Top curb ck's ok.
℄ Lot @ West end.				1190 05	90.59	F 0.54
N.W'ly - R=16.5				8906	90.40	F 1.34
N. E'ly - R=16.5				8838	89.50	F 1.12
S. E'ly - R=16.5				8823	89.21	F 0.98
S.W'ly - R=16.5				8896	90.11	F 1.15
B.C. - R=40				8995	90.22	F 0.27
M.O.C. - R=40				8963	89.83	F 0.20
E.C. - R=40, = 1+40.14				8921	89.44	F 0.23
2+75				8814	87.95	C 0.19
2+00				8663	87.31	F 0.68
B.C. - R=3				8650	1187.16	F 0.66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940,02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 171

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 11-21-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grd.	Top cb.	℄ or F Top cb.
E.C.-R=3				1186 50	1187.16		F 0.66
B.C.-R=3				86 80	87.34		F 0.54
E.C.-R=3	2+07.36			88 78	87.35		C 1.43
2+50				87 28	86.48		C 0.80
2+73.62 =	West edge No. Rd.			85 79	86.04		F 0.25
2+88.62 =	East edge No. Rd.			85 32	85.74		F 0.42
3+00				86 93	85.48		C 1.45
+50				85 16	84.48		C 0.68
4+00				84 39	83.48		C 0.91
B.C.-R=3, =	4+41.72			83 17	82.66		C 0.51
E.C.-R=3				82 37	82.60		F 0.23
B.C.-R=3				81 89	82.07		F 0.18
E.C.-R=3				81 89	82.01		F 0.12
4+75 = N.E. cor Lot. ③ N'ly				81 33	81.65		F 0.32
" " ③ E'ly				81 22	81.65		F 0.43
4+75 - No. edge 3' opening				80 88	81.52		F 0.64
" So. edge 3' opening				1180 98	1181.53		F 0.55
BM. CA-67					BM CA-67, El. = 1185.831, F.B. 4316-37, 1" I.P. & Sm. Bt. Spk. Coord. N 368,100 E 814,900		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 172

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

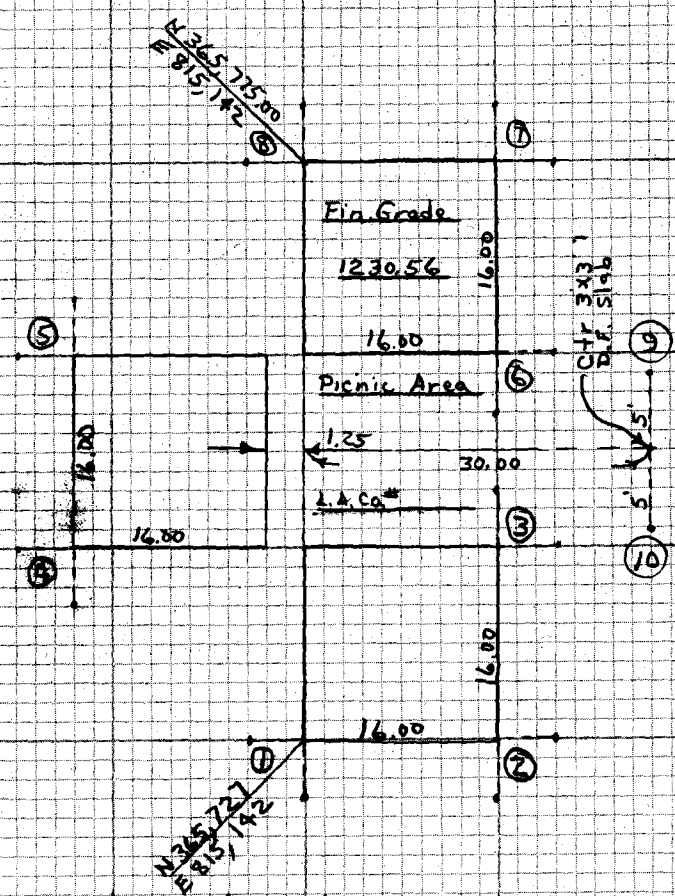
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

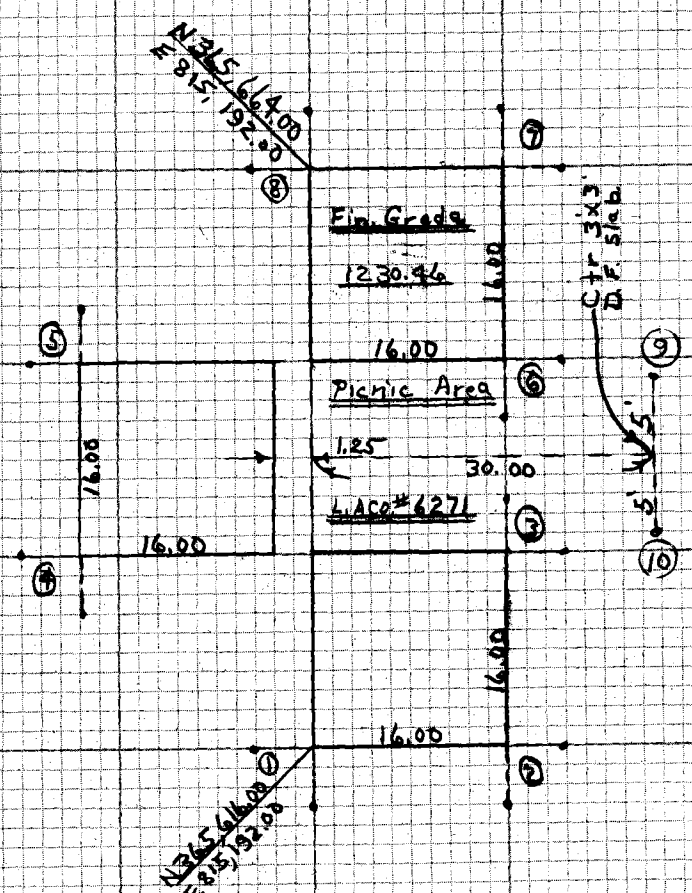
Notes Ck'd by		Survey of Castaic Afterbay	F.B. 4315 PG. 173
Map No.		JN 3340.02 Tape Std °F	
Office Work		Surveyed by Burkholder	
Checked		Notes D.L.B. Date 11-26-74	
Date		Indexed	

Location & Fin Fl. Grds for Picnic Area # L.A.Co. 6271 Sht # 7



Sta	Elev.	Fin. Grd.	C or F
1 So.	30.09	1230.56	F 0.47
1 W.	30.09	30.56	F 0.47
2 So.	29.85	30.56	F 0.71
2 E.	29.87	30.56	F 0.69
3 E	30.00	30.56	F 0.56
3 No.	30.02	30.56	F 0.54
4 So.	29.93	30.56	F 0.63
4 W	29.88	30.56	F 0.68
5 W	29.79	30.56	F 0.77
5 No.	29.82	30.56	F 0.74
6 So.	29.98	30.56	F 0.58
6 E	29.93	30.56	F 0.63
7 E	1230.22	30.56	F 0.32
7 No.	30.14	30.56	F 0.42
8 No.	29.90	30.56	F 0.66
8 W	29.85	1230.56	F 0.71

Sta	Elev.	Fin. D.F. Slab Grd.	C or F Fin. Slab
9	1230.14	1230.10	C-0.05
10	1230.15	1230.10	C-0.05



Sta	Elev.	Fin. Grade	C or F
1 So	29.88	1230.46	F 0.58
1 W	29.93	30.46	F 0.53
2 So.	29.91	30.46	F 0.55
2 E	29.96	30.46	F 0.50
3 E.	30.25	30.46	F 0.21
3 No.	30.33	30.46	F 0.13
4 So.	29.88	30.46	F 0.58
4 W	29.91	30.46	F 0.55
5 W	29.84	30.46	F 0.62
5 No.	29.81	30.46	F 0.65
6 So.	30.25	30.46	F 0.21
6 E	30.17	30.46	F 0.29
7 E	30.09	30.46	F 0.37
7 No.	29.89	30.46	F 0.57
8 No	29.71	30.46	F 0.75
8 W	29.77	1230.46	F 0.69

Sta	Elev.	Fin. D.F. Slab Grd.	C or F Fin. Slab
9	1230.00	1230.00	Grd.
10	1230.23	1230.00	C-0.23

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

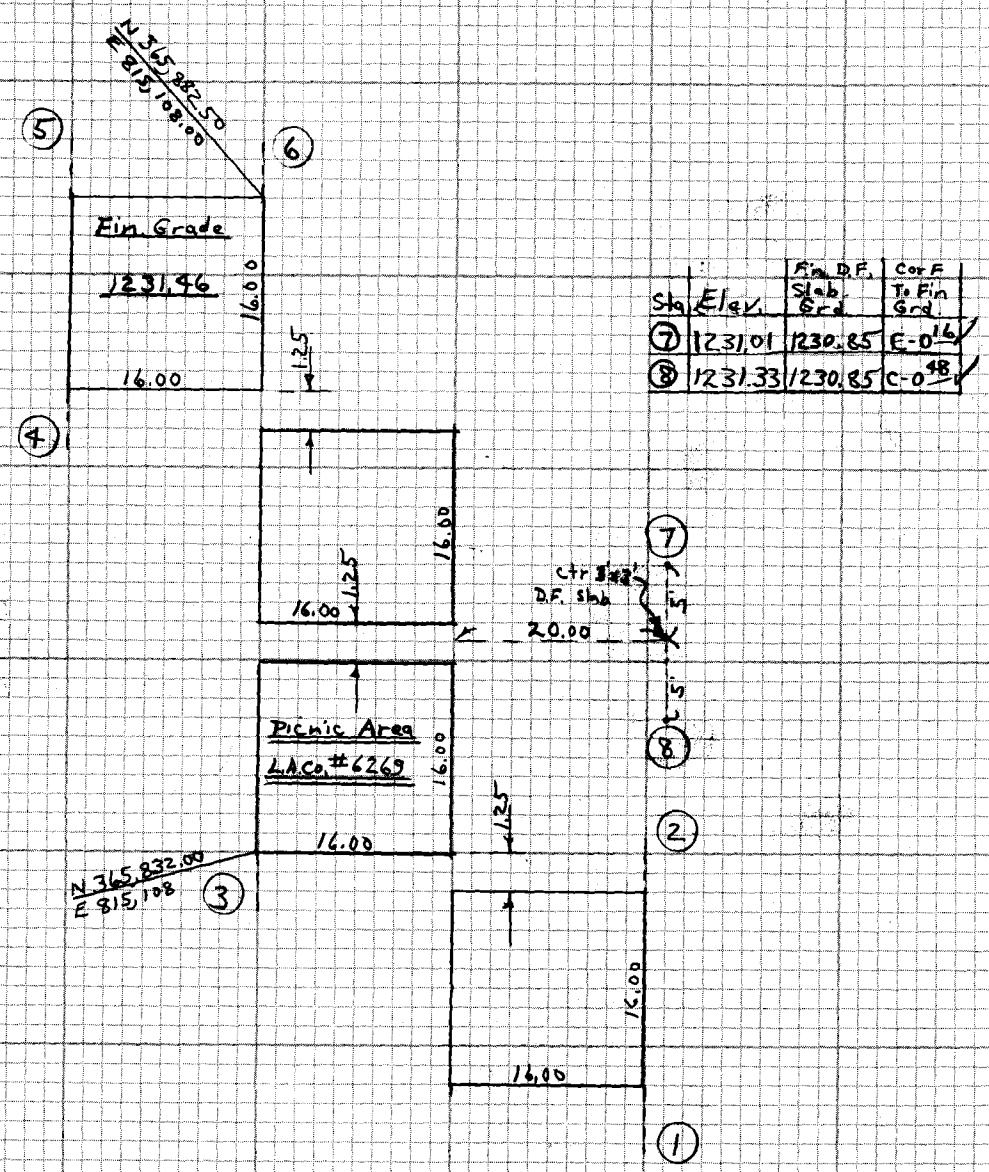
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 174

Sta	Elev.	Fin. Grade	C or F
1	31.39	1231.46	F 0.07
2	31.41	31.46	F 0.05
3	30.90	31.46	F 0.56
4	31.03	31.46	F 0.43
5	31.05	31.46	F 0.41
6	30.98	1231.46	F 0.48

Log & Fin Grds. Picnic Area L.A.Co.# 6269
S.E. of Adm. Build. Sht# 7



Sta	Elev.	Fin. D.F. Slab Grd.	C or F To Fin Grd
7	1231.01	1230.85	E-0.16
8	1231.33	1230.85	C-0.48

Do not exceed notes this side of this line

CE 310
76F3095-473

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Asterbay
Map No.	JN 3940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 11-27-74
Date	Indexed

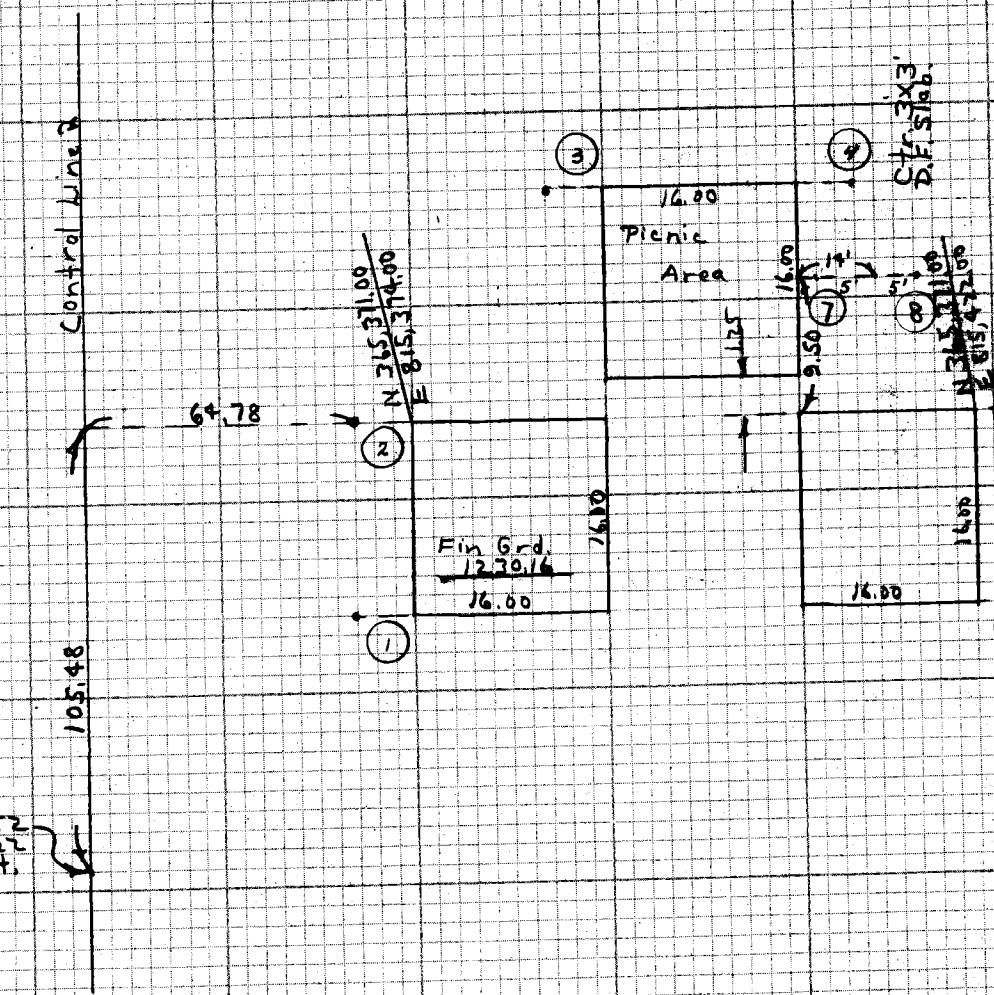
F.B. 4315 PG 175

Location & Grds Picnic Area (N.E. Overlook Circle Sht. #8

BM Elev 1230.68

Sta	Elev	Fin. Grade	Cor. F.
1	29.65	1230.16	F 0.51
2	29.72	30.16	F 0.44
3	29.75	30.16	F 0.41
4	29.98	30.16	F 0.18
5	29.97	30.16	F 0.19
6	29.61	1230.16	F 0.55

Sta	Elev.	Fin. D.F. Slab Grd.	C or F To Fin Grd.
7	1229.71	1230.00	F 0.29
8	29.67	1230.00	F 0.33



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

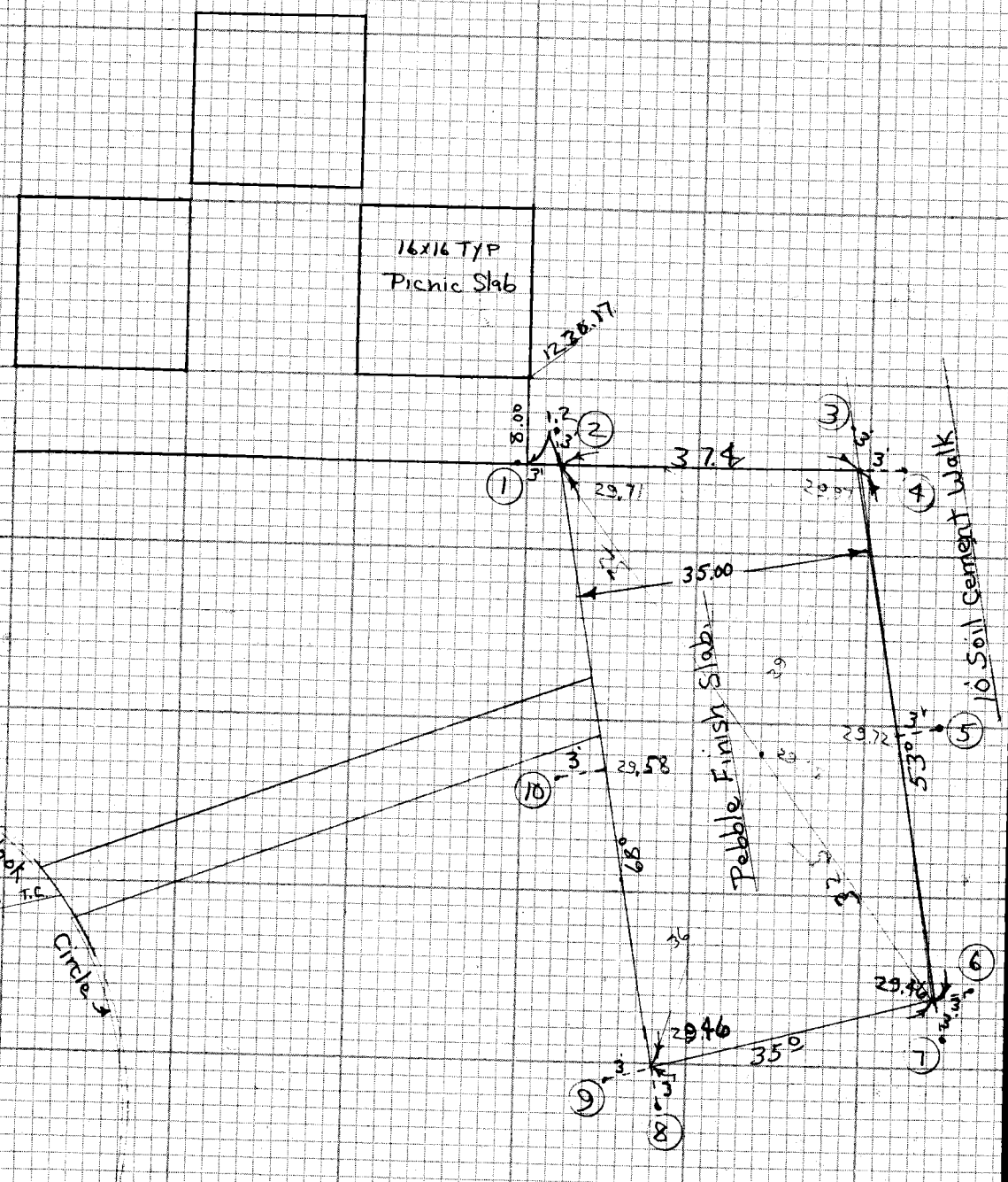
Do not extend past this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 176

	Elev.	Fin. Grd. Top Slab	Cor F Top Slab
1	1229.30	1229.69	F-0.39
2	29.44	29.69	F-0.25
3	29.72	29.97	F-0.25
4	29.78	29.97	F-0.19
5	29.66	29.72	F-0.06
6	29.34	29.46	F-0.12
7	29.22	29.46	F-0.24
8	29.43	29.46	F-0.03
9	29.36	29.46	F-0.10
10	1229.53	1229.58	F-0.05



CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Atterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 12-2-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 177

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES CE 307 76-L-298-4/73

Curb Grds. So. Side entrance to Lot #3 & W Side Lot #3

STATION	B.S.	H.I.	F.S.	ELEV.	Grd. Top cb.	Corr. Top cb.
TBM-B				1237.08	TBM-B, El.=1237.078, F.B. 4315-60, 2" I.P. & B.T. Spk. on Prod. of Rd. & to Park Lot 3 & 4.	
9+28.91 B.C.R. Park Rd.					1213.79	
M.O.C. R=35				1214 69	1215.44	F-0.75
P.R.C. R=35, R=115				17 54	17.10	C-0.44
M.O.C. R=115				20 10	18.91	C-1.19
P.R.C. R=115 & R=35				22 23	20.72	C-1.51
M.O.C. R=35				22 89	21.67	C-1.22
E.C. - R=35				23 17	22.62	C-0.55
B.C. R=3				23 04	23.34	F-0.30
E.C. R=3				23 04	23.41	F-0.37
B.C. R=3				23 59	23.54	C-0.05
E.C. R=3 : 0+28.28				24 95	23.57	C-1.38
0+50				25 73	23.78	C-1.95
1+00				25 07	24.28	C-0.79
+50				25 53	24.78	C-0.75
2+00				25 77	25.28	C-0.49
+50				25 90	25.78	C-0.12
3+00				26 03	26.28	F-0.25
+50				25 88	26.78	F-0.90
4+00				26 27	27.28	F-1.01
4+22.00 = B.C.				26 22	27.50	F 1.28
∡ = 21-03-53, R=98				26 06	27.75	F 1.69
∡ = 42-07-45, R=98				26 34	28.00	F 1.66
∡ = 63-11-38, R=98				26 81	28.25	F 1.44
∡ = 84-15-31, R=98				27 66	28.50	F 0.84
∡ = 105-19-23, R=98				29 91	28.75	F 0.84
∡ = 126-23-16, R=98				28 01	29.00	F 0.99
B.C. - R=3				28 33	29.15	F 0.82
E.C. - R=3				28 30	29.08	F 0.78
B.C. - R=3				28 18	28.80	F 0.62
E.C. - R=3				28 18	28.74	F 0.56
∡ = 147-27-09, R=78				29 07	28.90	C-0.17
∡ = 168-31-01 R=78				29 30	29.15	C-0.15
∡ = 189-34-54 R=78				29 45	29.40	C-0.05
∡ = 210-38-46 R=78				28 77	29.65	F 0.88
∡ = 227-29-53, R=78				30 36	29.85	C-0.51
∡ = 236-58-37, R=78 = P.R.C.				30 96	29.74	C-1.22
6/3, R=65,				30 96	29.49	C-1.47
2Δ/3, R=65				29 22	12 29.24	F-0.02

Curb Grd. So. end Lot #3
for Radius = 58'

Elev.	Grd. Top cb.	Corr. Top cb.
27 69	1227.15	C 0.54
27 58	27.40	C 0.18
27 79	27.65	C 0.14
28 06	27.90	C 0.16
28.15	28.15	Gr.
28 10	28.40	F 0.30
28.40	28.65	F 0.25
28.31	28.90	F 0.59
28.69	29.5	F 0.46
28 79	29.40	F 0.61
28 68	29.65	F 0.97
28 61	29.85	F 1.21
28 49	29.20	F 0.71
28 40	28.56	F 0.16
28 91	27.96	C 0.9
28 60	27.52	C 1.04
27 92	27.08	C 0.8

F.B. 4315 PG. 178

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED. 5,15 3,05

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 12-2-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grd. Top cb.	C or F. Top cb.
P.C.C. R=65 & R=14				28 58	1229.00	F 0.42
M.O.C.				28 45	1228.86	F 0.40
E.C. R=14 = 2+88.10				29 92	1228.70	C- 1.22

Curb Grds East Side Lot # 3

					Grd. Top cb.	C or F. Top cb.
Int. Rd. & East Curb.				1226 66	1225.35	C 1.31
0+00				26 67	25.98	C- 0.69
B.C. - R=3		Grade on Rad. Point		26 27	26.08	C- 0.19
E.C - R=3				26 27	26.13	C- 0.14
B.C. - R=3				27 49	26.26	C- 1.23
E.C - R=3				1230 00	26.37	C- 3.63
0+50				29 34	26.83	C- 2.51
1+00				29 20	27.33	C- 1.87
+50				29 05	27.83	C- 1.22
B.C. R=3 = 1+87.43				28 74	28.19	C- 0.55
E.C. R=3				28 56	28.19	C- 0.37
B.C. R=3		Grade on 3' Rad. Point		27 37	27.99	F 0.62
P.C.C. R=3 & R=17				27 37	27.97	F 0.60
MOC	28.14			28 14	27.93	C- 0.21
E.C. - R=17 = 2+21.10				28 14	1227.90 SK	C- 0.24

BM CA-46

B.M. CA-46, El. = 1230.683 F.B. 4316-11, 1" I.P. & Sm. Bt. Spk 2.80 w. of ctr. Circle, N 365,265.52 E 815,304.22

					Grd. Top cb.	C or F. Top cb.
2+88.10 = E.C. R=14, (Existing)				1229.92	1228.70 Exist. 92	C-1.22
So. Cor. Curb	3' off So.			30 10	28.63	C 1.47
"	3' off E.			28 64	28.63	C 0.01
2+54.60 = Mid. Point				28 44	28.26	C 0.18
2+21.10 = No. Cor. Cb. 3' off E.				28 53	27.89	C 0.64
"	3' off No.			28 62	27.89	C 0.73
+21.10 = E.C. R=17 (Existing)				1228.14	1227.90 Exist. 90	C-0.24

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 12-5-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 179

STATION	B.S.	H.I.	F.S.	ELEV.	Top Curb Grade	Cut & Fill
		Curb Grds		Lot #4	West Side	
TBM "B"				1237.08	TBM "B", El = 1237.078, F.B. 4315-60, 2" I.P. & B+ Sok on ℄ Prod. of Rd. to Lot #3 & 4	
	BCR Park Rd.				1216.18	
M.O.C.	35' Rad				17.06	
P R C	35' Rad & ? Rad			18 05	17.94	C-0.11 ✓
P R C	" " "			18 62	18.18	C-0.44 ✓
M O C	35' Rad			21 82	20.05	C-1.77 ✓
EC	35' Rad			22 05	22.23	F 0.18 ✓
BC	3' Rad	grade on Rad		22 20	2239	F 0.19 ✓
E.C.	" "			22 20	2257	F 0.37 ✓
BC	" "			22 19	2269	F 0.50 ✓
EC	" "	0+95.02		21 82	2276	F 0.94 ✓
1+00				21 79	2282	F 1.03 ✓
1+25				22 05	1223.16	F- 1.11 ✓
1+50				22 53	2341	F 0.88
2+00				22 80	2391	F- 1.11
2+50				23 33	2441	F- 1.08 ✓
3+00				23 62	2491	F- 1.29 ✓
3+50				24 17	2541	F- 1.24 ✓
4+00				24 73	2590	F- 1.17 ✓
~~4+25~~				~~25 33~~	~~2611~~	~~F 0.59~~
BC				25 55	2634	F 0.79 ✓
EC				25 84	2640	F 0.56 ✓
BC		grade on Rad		26 26	2676	F 0.50 ✓
EC				26 26	2676	F 0.50 ✓
P.O.T.				26 91	2761	F 0.70 ✓
BC 35' Rad				27 57	2847	F 0.90 ✓
M.O.C.				28 84	2877	C .07 ✓
EC				29 51	30.06	F 0.55 ✓
?	7.5' Lt & Parking Lot			29 57	3008	F 0.51

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

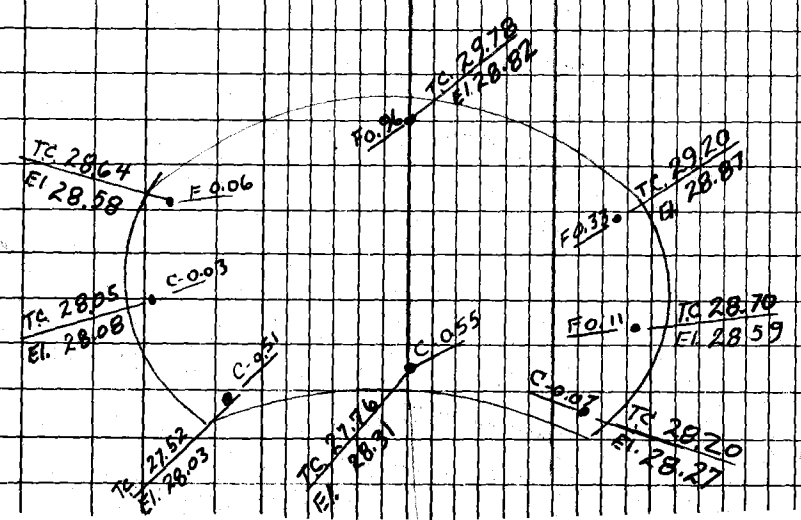
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 9315 PG. 180

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED. ____
SURVEY BY Burkholder DATE ____
NOTES BY D.L.B. DATE ____ NOTES CHKD. ____
INDEXED ____ DATE ____ DATE ____

STATION	B.S.	H.I.	F.S.	ELEV.	Top Curb Grade	Cut & Fill
et sths. 3'%			Curb Grades Lot #4 East Side			
Int. road ℄ & East curb				—	—	
P.O.T. 2745 North of ℄ Prod				26 25	25 67	C-0.58 ✓
BC	35' Rad.			25 20	26 06	F-0.86 ✓
EC P.C.C. 35' Rad	BC 3' Rad		Grade on 3' Rad Point	25 20	26 23	F-1.03 ✓
E.C.	3' Rad			25 20	26 27	F-1.07 ✓
BC	3' Rad			29 11	26 68	C-2.43 ✓
EC 1+65.38				30 33	26 76	C-3.57 ✓
2+00				29 73	1227.09	C- 2.64 ✓
2+50				29 95	27.58	C- 2.37 ✓
3+00				30 67	28.06	C- 2.61 ✓
3+50				29 68	28 55	C- 1.13 ✓
4+00				29 23	29.03	C 0.20 ✓
BC 4+30.91	3' Rad			28 90	29.30	F 0.40 ✓
EC	3' Rad			28 30	29 30	F 1.00 ✓
BC	" "		Grade on Rad	27 55	28 95	F 1.40 ✓
EC	" "			27 55	28 95	F 1.40 ✓
BC			Grade on Rad pt.	28 26	28 85	F 0.59 ✓
EC				28 26	28 85	F 0.59 ✓
BC				29 27	29 25	C 0.02 ✓
EC				29 51	29 31	C 0.20 ✓
P.O.T.				29 77	29 55	C. 0.22 ✓
BC				29 81	29 79	C 0.02 ✓
EC				29 57	29 79	F 0.22 ✓
BC			Grade on Rad	29 07	29 39	F 0.32 ✓
EC & P.R.C.					29 39	F 0.32 ✓
P.O.C. 35' Rad				29 37	29 72	F- 0.35 ✓
EC 35' Rad				29 55	30.05	F 0.50 ✓
7.5' Rt ℄ Parking Lot				9 55	30.08	F 0.53 ✓



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

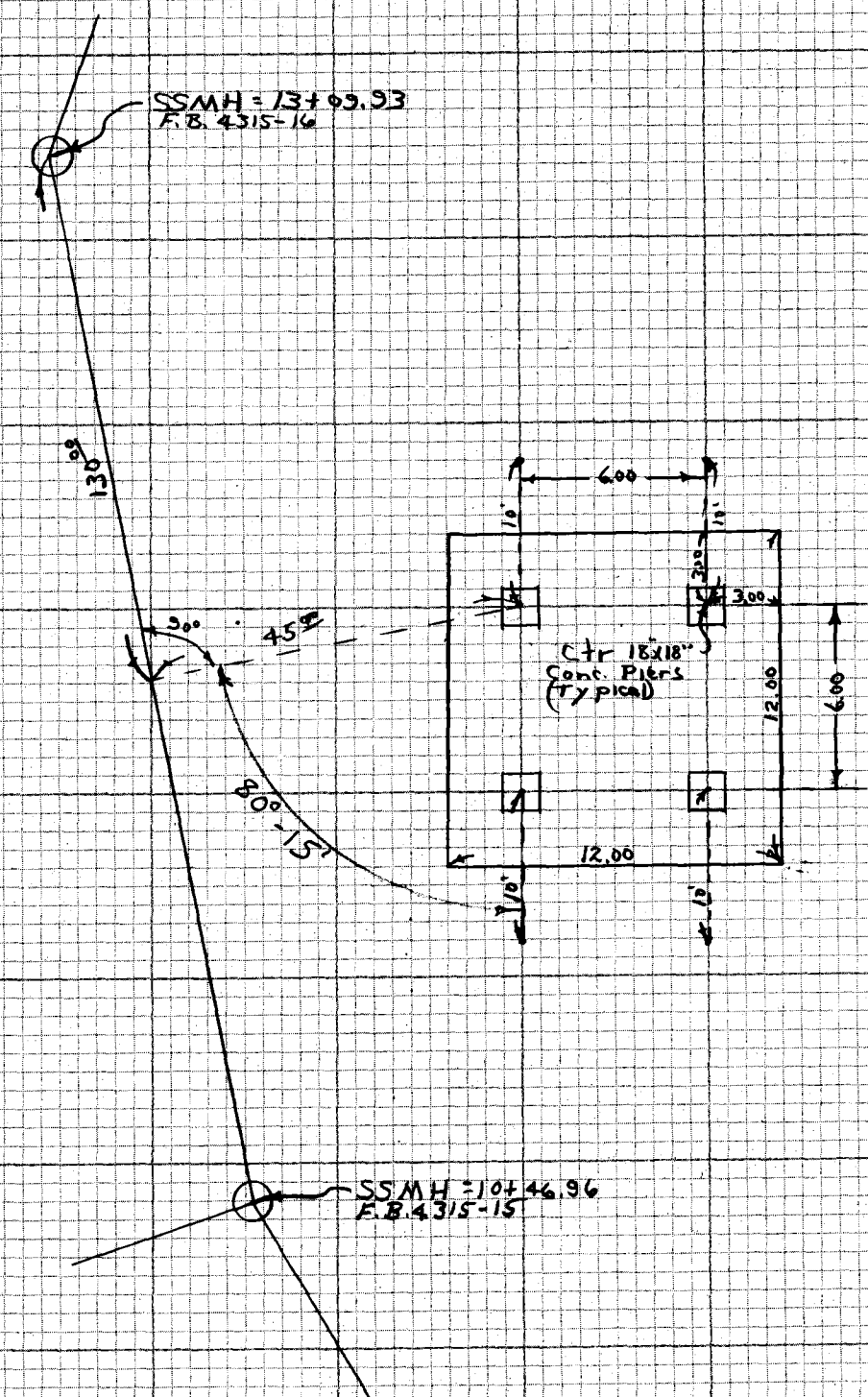
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9340.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 12-6-74
Date	Indexed

F.B. 4315 PG 181

Location ℄'s to Life guard Tower L.A.Co.# Sht #8



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

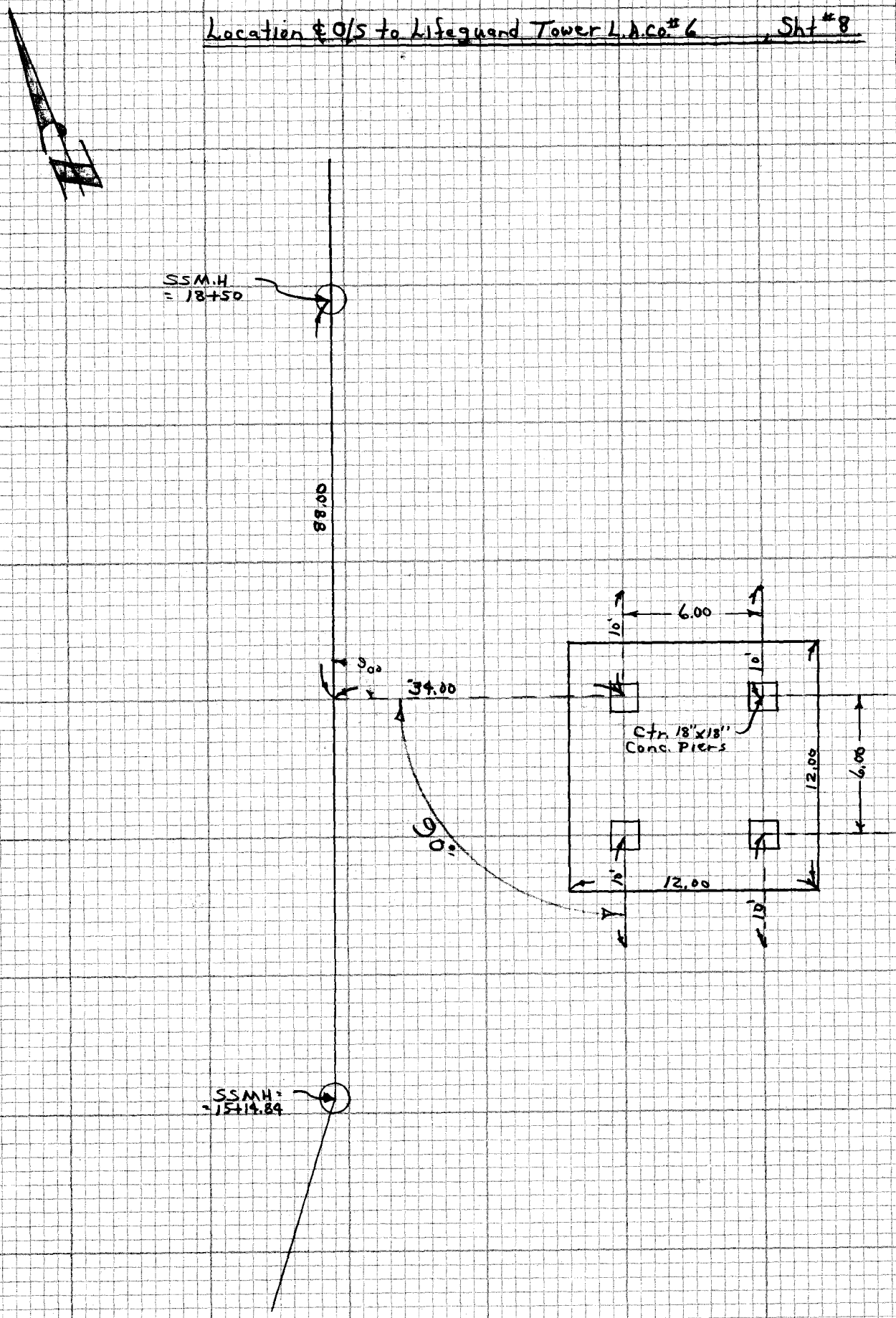
Do not extend past this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 1315 PG. 182

Location ℄ O/S to Lifeguard Tower L.A.Co #6 , Sht #8



CE 310
76F3095-4/73

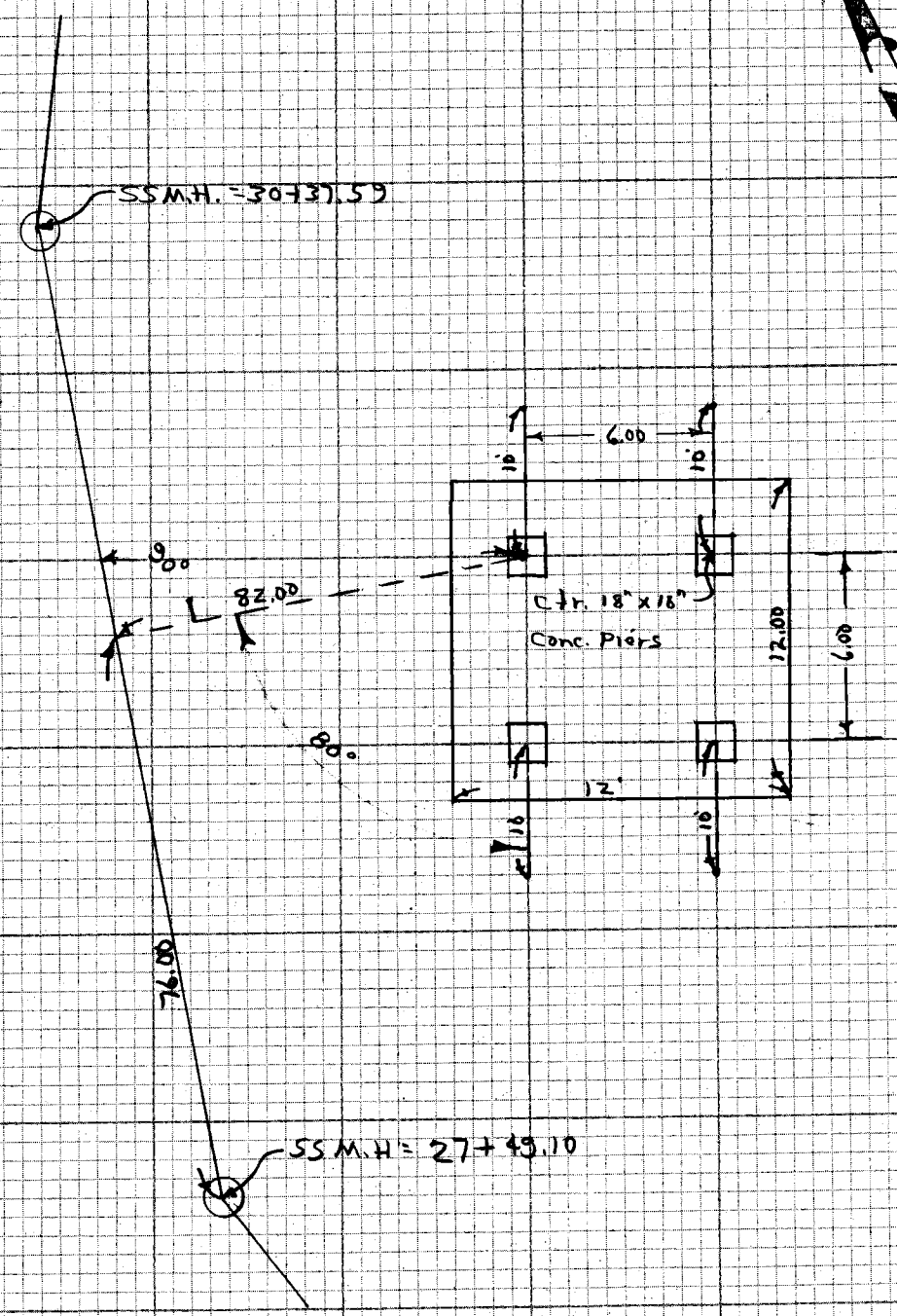
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exte notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Asterbay	F.B. 4315 PG 183
Map No.	JN 3340.02 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 12-6-74	
Date	Indexed	

Location & o/s to Lifeguard Tower L.A. Co. #6201 Sh #7



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

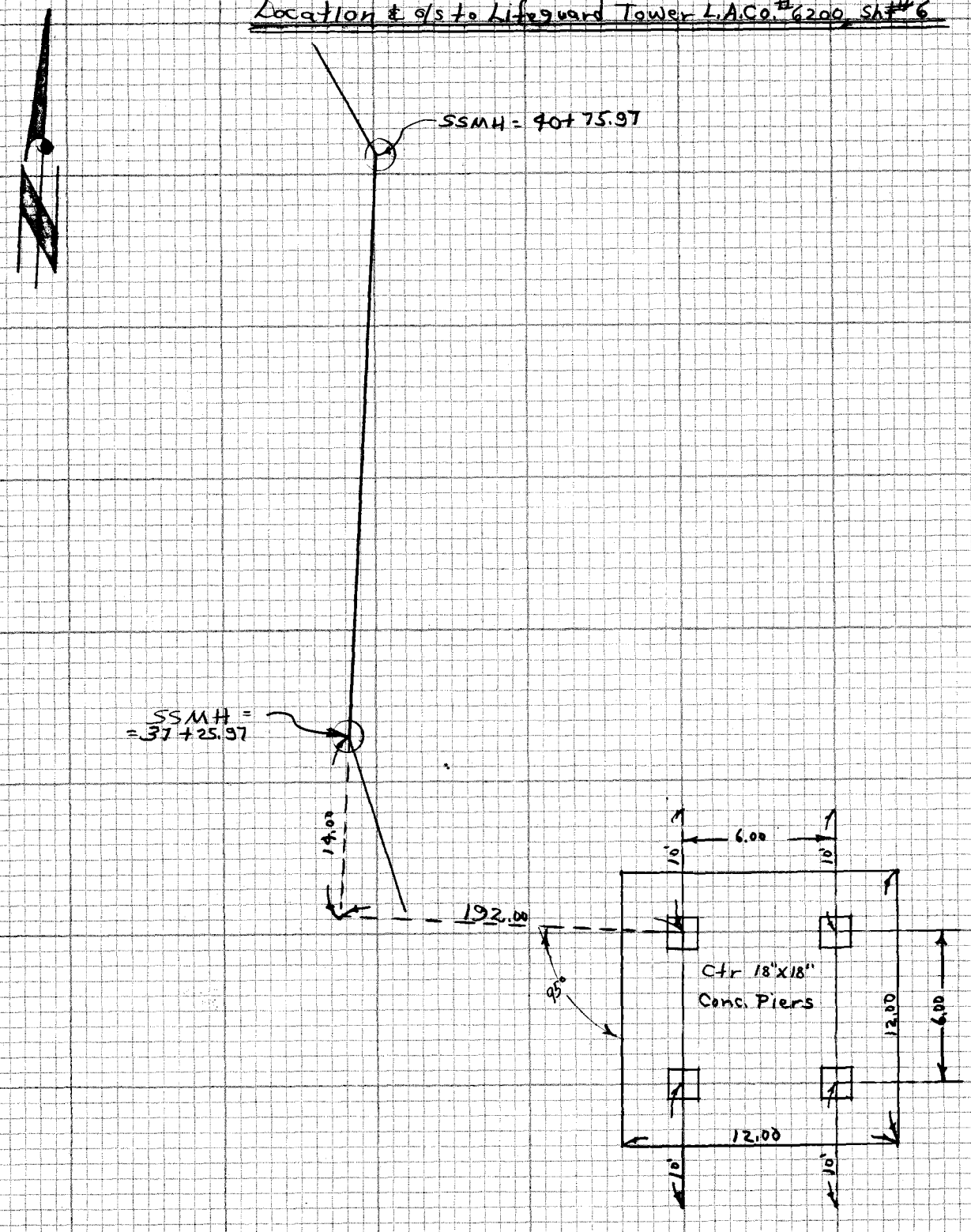
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
~~403 LOS ANGELES COUNTY ENGINEERING BLDG.~~

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 184

Location & o/s to Lifeguard Tower L.A.Co. #6200, Sht #6



CE 310
76F3095-4/73

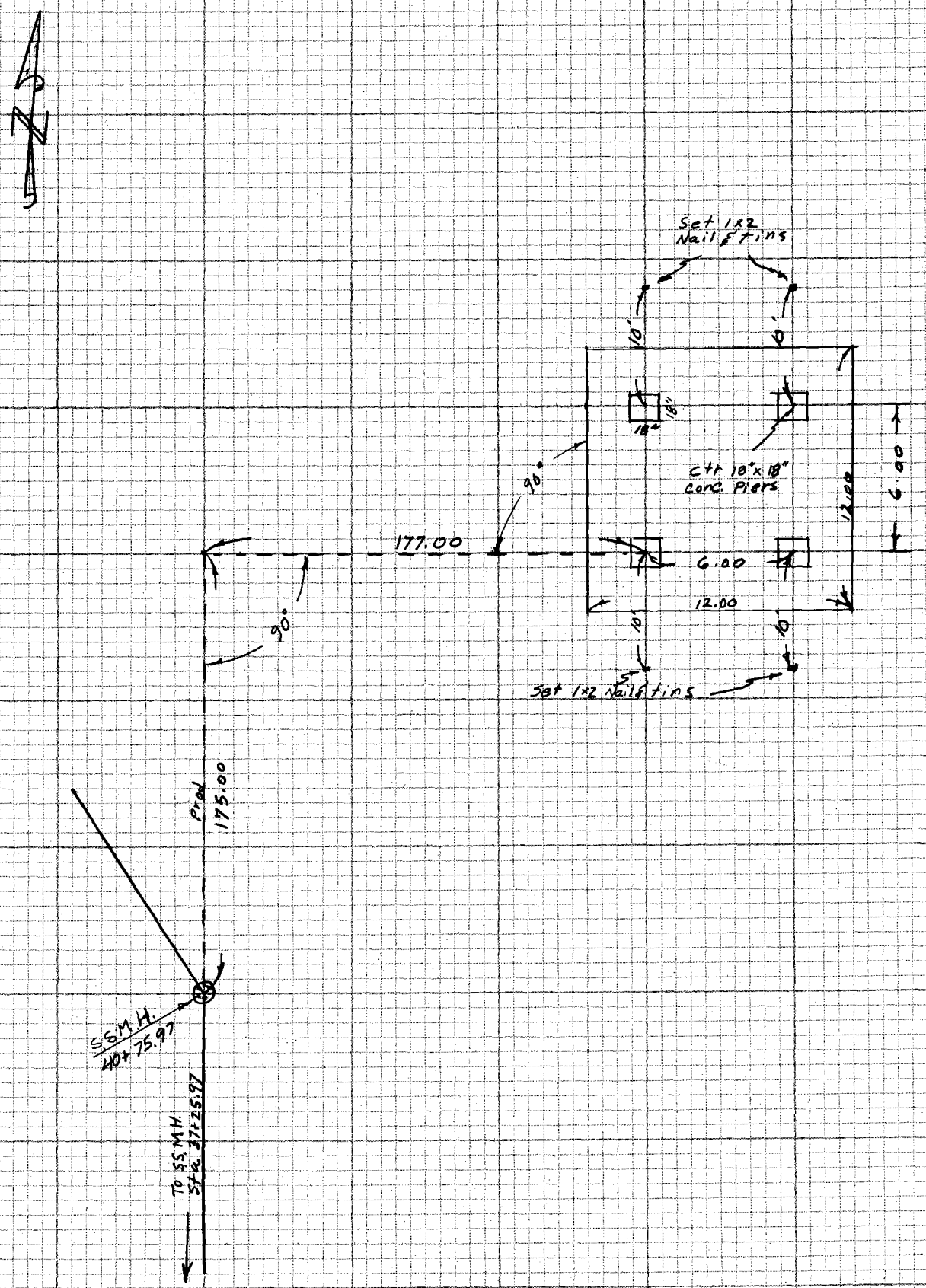
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

Notes Ck'd by	Survey of Castaic Lake Afterbay F.B. 4315 PG. 185
Map No.	JN 9940.08 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes P.L.B. Date 12-9-74
Date	Indexed

Location & O/S To Lifeguard tower L.A. Co. # 6199 sht # 6



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 186

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not ex[illegible] notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 187

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 12-23-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
		Rough Grades Park Lot #1					
BM CA-35				1149 67	BM CA-35 El. = 1149.669 F.B. 4316-7		
					E'ly P/L MWD. Prop. 50± N'ly ℄ Lake Hughes Rd		
					2" I.P. Conc. Plug & L.A. Co. Engr. Tag		
					Fin. Pvmt. Grade	Corr. to Fin. Grd	
0+00	℄ Int Lake Hughes Rd.			1147.99			
0+55	R=5			47 36	1147.3	Gr.	✓
0+77				47 38	1147.7	F 0.3	✓
1+44.72	B.C. E. Cb.			48 17	1148.2	Gr.	✓
1+70	Begin Taper Island			48 19	1148.3	F 0.1	✓
2+00.65	℄ B.C. & R=3			48 14	1148.5	F 0.4	✓
2+25	℄			47 78	1148.6	F 0.8	✓
2+50	℄			47 84	1148.8	F 1.0	✓
2+73	℄ P.R.C. E. Cb.			47 88	1148.9	F 1.0	✓
2+97.82	℄ E.C.			48 57	1149.0	F 0.4	✓
MOC - R=35				47 17	1148.5	F 1.3	✓
E.C. R=35				46 57	1147.5	F 0.9	✓
3+19.78	℄ Int.			48 31	1149.1	F 0.8	✓
3+19.78	52' Rt. ℄ Lot.			45 79	1147.2	F 1.4	✓
3+46.78	℄ Rd.			48 48	1149.3	F 0.8	✓
"	52' Rt.			45 78	1146.7	F 0.9	✓
4+00	℄ Rd.			48 84	1149.5	F 0.7	✓
"	52 Rt. ℄ Lot.			45 71	1146.1	F 0.4	✓
4+50	℄ Rd.			49 06	1149.8	F 0.7	✓
"	52 Rt. ℄ Lot.			45 44	1145.6	F 0.2	✓
5+09.78	℄ B.C. Rd.			49 04	1150.1	F 1.1	✓
"	52 Rt ℄ B.C. Lot.			44 99	1145.0	Gr.	✓
5+25	℄ Rd.			48 86	1150.1	F 1.2	✓
"	52' Rt ℄ Lot.		−	44 95	1144.9	Gr.	✓
5+57.99	℄ Rd.		+	48 84	1150.3	F 1.5	✓
"	52 Rt ℄ Lot.			44 46	1144.6	F 0.1	✓
5+82.11	℄ Rd.			48 99	1150.4	F 1.4	✓
"	52 Rt ℄ Lot.			43 69	1144.3	F 0.6	✓
6+06.22	℄ Rd.			48 86	1150.2	F 1.3	✓
"	52' Rt ℄ Lot.			43 50	1144.1	F 0.6	✓
6+30.33	℄ Rd.			48 44	1150.0	F 1.6	✓
"	52 Rt ℄ Lot.			44 01	1143.9	C 0.1	✓
6+54.43	℄ Rd.			48 49	1149.5	F 1.0	✓
"	52' Rt ℄ Lot.			42 18	1143.6	F 1.4	✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 188

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 12-26-74 NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Fin. Pvmt Grd.	C of F Fin. Grd	
6+78.54	℄ Rd.			47 62	1148.9	F 1.3	✓
"	52' Rt. ℄ Lot.			42 03	1143.4	F 1.4	✓
7+02.65	PRVC ℄ Rd.			46 94	1148.1	F 1.2	✓
"	52' Rt. ℄ Lot			42 30	1143.2	F 0.9	✓
7+19.65	℄ Rd.			46 32	1147.6	F 1.3	✓
"	52 Rt. ℄ Lot.			42 17	1143.0	F 0.8	✓
7+36.65	℄ Rd.			45 91	1147.2	F 1.3	✓
"	52 Rt. ℄ Lot.			41 79	1142.8	F 1.0	✓
7+50.87	℄ Rd.			45 46	1146.9	F 1.4	✓
"	52 Rt. ℄ Lot.			42 04	1142.7	F 0.7	✓
7+70.65	EVC ℄ Rd.			44 88	1146.6	F 1.7	✓
7+94.81	℄ Rd. B.C.R.			44 82	1146.4	F 1.6	✓
8+09.81	M.O.C. R=15			43 03	1144.7	F 1.7	✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 189

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 12-27-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.			
BM. CA-35				1149.67	BM CA-35 El. = 1149.669, F.B. 4316-7, E'ly P/L, M.W.D. Property 50' N'ly & Lake Hughes Rd. 2" I.P. Conc. Plug & L.A. Co. Engr. Tag.		
					Top cb. Grade	Cor F. Top curb.	
0+50	℄			47.16	1147.79	F 0.63	✓
0+55	5' Rt.			47.09	47.79	F 0.70	✓
"	5' Lt.			47.04	47.93	F 0.89	✓
0+77	5' Rt.			47.15	48.15	F 1.00	✓
"	19' Rt. Begin cb.			47.42	47.94	F 0.52	✓
"	5' Lt.			47.09	48.22	F 1.13	✓
"	19' Lt. Begin cb.			46.12	48.20	F 2.08	✓
0+92	5' Rt.			47.45	48.37	F 0.92	✓
"	19' Rt.			47.63	48.18	F 0.55	✓
"	5' Lt.			47.44	48.40	F 0.96	✓
"	19' Lt.			46.50	48.27	F 1.77	✓
1+07	5' Rt.			47.60	48.50	F 0.90	✓
"	19' Rt.			47.90	48.34	F 0.44	✓
"	5' Lt.			47.55	48.50	F 0.95	✓
1+09	19' Lt. B.C. driveway			46.11	48.35	F 2.24	✓
1+33	5' Rt.			47.90	48.63	F 0.73	✓
"	19' Rt.			48.03	48.47	F 0.44	✓
"	5' Lt.			47.90	48.63	F 0.73	✓
"	19' Lt B.C driveway			48.37	48.47	F 0.10	✓
1+44.72	5' Rt.			47.84	48.69	F 0.85	✓
"	19' Rt. B.C. E. cb.			48.00	48.52	F 0.52	✓
"	5' Lt.			47.90	48.69	F 0.79	✓
"	19' Lt.			48.10	48.53	F 0.43	✓
1+70.00	5' Rt. Begin Taper			47.97	48.79	F 0.82	✓
"	19' Rt.			48.14	48.65	F 0.51	✓
"	5' Lt. Begin Taper			47.92	48.82	F 0.90	✓
"	19' Lt.			48.40	48.65	F 0.25	✓
2+00.65	℄ B.C. 3' Rt. end Taper			48.15	48.99	F 0.84	✓
"	17' Rt.			47.68	48.80	F 1.12	✓
"	3' Lt. end Taper			48.15	48.99	F 0.84	✓
"	19' Lt.			48.44	48.81	F 0.37	✓
2+25	Rt.			47.71	48.93	F 1.22	✓
"	Lt.			48.79	48.93	F 0.14	
2+40.97	B.C. W. curb.			48.97	49.00	F 0.03	
2+50	Rt.			47.70	49.06	F 1.36	✓
	Lt.			48.73	1149.06	F 0.33	

Sta.	Elev.	Prmt. Grade	Cor F.
1+13.5 - 34' Lt.	1148.68	1148.68	Grd.
" 54' Lt.	48.78	1148.78	Grd.
1+21 - 34' Lt.	48.12	Sub Grd. 48.12	Grd.
" - 54' Lt.	48.22	Sub Grd. 48.22	Grd.
1+28.5 - 34' Lt.	48.68	48.68	Grd.
" - 54' Lt.	48.32	1148.78	F 0.46

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 190

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 12-27-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Top ch. Grd	C of F Top ch.	
2+73	13.08 Rt.	P.R.C.		1147 18	1149.17	F 1.99	✓
	Lt.			48 27	49.16	F 0.89	✓
2+97.82 E.C.	Lt.			48 45	49.29	F 0.84	✓
3+19.78 E.Int.	Lt.			48 63	49.40	F 0.77	✓
3+35.02 E.C. W.ch.	12 Lt.			48 87	49.48	F 0.61	✓
3+45.78	12' Rt.	B.C.R. - R=14		48 52	49.53	F 1.01	✓
"	12' Lt.			48 87	49.54	F 0.67	✓
3+75	12' Rt.			48 20	49.67	F 1.47	✓
"	12' Lt.			49 38	49.68	F 0.30	
4+00	12' Rt.			48 37	49.79	F 1.42	✓
"	12' Lt.			49 23	49.80	F 0.57	✓
4+25	12' Rt.			48 34	49.92	F 1.58	✓
"	12' Lt.			49 51	49.93	F 0.42	✓
4+50	12' Rt.			49 00	50.04	F 1.04	✓
"	12' Lt.			49 72	50.05	F 0.33	✓
4+75	12' Rt.			49 31	50.17	F 0.86	✓
"	12' Lt.			50 08	50.18	F 0.10	✓
5+09.78 B.C.	12' Rt.			49 02	50.34	F 1.32	✓
"	12' Lt.		TP	49 95	50.35	F 0.40	✓
5+25	12' Rt			49 14	50.42	F 1.28	✓
"	12' Lt.			49 65	50.42	F 0.77	✓
5+57.99 B.V.C.	12' Rt			48 92	50.59	F 1.67	✓
"	12' Lt.			50 48	50.59	F 0.11	✓
5+82.11	12' Rt.			48 98	50.63	F 1.65	✓
"	12' Lt.			50 29	50.63	F 0.34	✓
6+06.22	12' Rt.			49 10	50.51	F 1.41	✓
"	12' Lt.			50 81	50.51	C 0.30	✓
6+30.33	12' Rt.			48 13	50.23	F 2.10	✓
"	12' Lt.			50 11	50.23	F 0.12	✓
6+54.43	12' Rt.			47 44	49.79	F 2.35	✓
"	12' Lt.			49 49	49.79	F 0.30	✓
6+78.54	12' Rt.			47 79	49.18	F 1.39	✓
"	12' Lt.			49 24	49.18	C 0.06	✓
7+02.65	12' Rt.	P.R.V.C.		46 55	48.42	F 1.87	✓
"	12' Lt.	PRVC		48 86	48.42	C 0.44	✓
7+19.65	12' Rt.			46 38	47.87	F 1.49	✓
"	12' Lt.			48 00	47.87	C 0.13	✓
7+36.65	12' Rt.			45 75	47.44	F 1.69	
"	12' Lt.			47 81	1147.44	C 0.37	✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 3940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 181

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 12-30-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Top cb. Grd.	Cor F. Top cb.
7+50.87	E.C. 12' Rt.			4503	1147.16	F 2.13
"	12' Lt.			4685	47.16	F 0.31
7+70.65	E.V.C. 12' Rt.			4480	46.89	F 2.09
"	12' Lt.			4678	46.89	F 0.11
7+95.81	12' Rt. B.C.R.			4491	46.65	F 1.74
"	12' Lt.			4587	46.65	F 0.78
8+21.81	℄ Int. 12' Lt.			4543	46.38	F 0.95
8+50	12' Lt.			4605	46.10	F 0.05
8+66.81	B.C. 12' Rt.				45.93	
"	12' Lt.				1145.93	
BM CA-38						

BM CA-38, El. = 1159.050, F.B. 4316-7
N.E'ly Prop Cor. MWD. Prop. 2" IP Cone Plug & C.E. Tag.

Note
Restaked 1-8-75 To provide cover over 10" water main change by INSR Decs.

Curb Grds. for Park Lot #1 West side

STATION	B.S.	H.I.	F.S.	ELEV.	Top cb. Grd.	Cor F. Top cb.	Top cb. Grd.	Cor F. Top cb.
3+45.78	BCR - R=14			4852	1143.53	F-1.0	1149.53	F-1.01
4/2 - R=14				4710	48.82	F-1.72	49.09	F-1.99
E.C.R. - R=14				4646	47.37	F-0.91	48.64	F-2.18
B.C. - R=3				4621	47.22	F-1.01	48.52	F-2.31
E.C - R=3				4621	47.22	F-1.01	48.63	F-2.42
B.C. - R=3				4732	47.35	F-0.03	48.82	F-1.50
3+57.79 -	EC - R=3			4741	47.36	C-0.05	48.94	F-1.53
3+75				4715	47.20	F-0.05	48.77	F-1.62
4+00				4710	46.96	C-0.14	48.52	F-1.42
+25				4713	46.72	C-0.41	48.27	F-1.14
+50				4732	46.48	C-0.84	48.02	F-0.70
+75				4725	46.24	C-1.01	47.77	F-0.52
5+09.78 BC				4750	45.90	C-1.60	47.42	C-0.08
+25				4769	45.77	C 1.92	47.27	C-0.42
5+57.99	BVC			4770	45.46	C 2.24	46.94	C-0.76
5+82.11				4751	45.24	C 2.27	46.70	C-0.81
6+06.22				4752	45.02	C 2.50	46.46	C-1.06
6+30.33				4703	44.79	C 2.24	46.22	C-0.81
6+54.43				4721	1144.57	C 2.64	45.98	C-1.23

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 9315 PG. 192

JOB NO. 99A.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 12-31-75 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Top Cb. Grade	C or F Top Cb.	Restake 1-8-75 Top Cb. Grade	C or F Top Cb.
6+78.54				46 06	1144.35	C 1.71	1145.74	C-0.32
7+02.65	PRVC			45 64	44.12	C 1.52	45.50	C-0.14
7+19.65				45 26	43.96	C .30	45.33	F-0.07
7+36.65				44 61	43.80	C 0.81	45.16	F-0.55
7+50.87 E.C.				43 85	43.65	C 0.20	45.01	F-1.16
7+81.96 = B.C. - R=3				43 42	43.23	C 0.19	44.70	F-1.28
E.C. - R=3				43 08	43.19	F 0.11	44.51	F-1.43
B.C. - R=3				41 99	43.02	F 1.03	43.45	F-1.46
P.C.C. R=3 & R=14				41 99	43.01	F 1.02	43.25	F-1.26
M.O.C. - R=14				42 70	45.16	F 2.46	44.95	F-2.25
7+95.81 = B.C.R. - R=14				44 91	1146.65	F 1.74	1146.65	F-1.74

Curb Grades Park Lot #2, East Side

					Top Cb. Grade	C or F Top Cb.	Restaked 1-8-75 Top Cb. Grade	C or F Top Cb.
2+73.00	B.C.R. - R=35			47 18	1149.17	F-1.99	1149.17	F-1.99
M.O.C. - R=35				47 21	48.85	F-1.74	1148.89	F-1.68
E.C. - R=35				46 60	47.97	F-1.37	48.60	F-2.00
B.C. - R=3				46 00	47.67	F-1.67	48.45	F-2.45
3+18.78 E.C. - R=3				46 00	47.59	F-1.59	48.40	F-2.40
3+45.78				45 78	47.37	F-1.59	48.07	F-2.29
3+61.72 = B.C. - R=3				45 72	47.03	F-1.31	47.92	F-2.20
E.C. - R=3				45 72	47.05	F-1.33	47.84	F-2.12
B.C. - R=3				46 90	47.29	F-0.39	47.37	F-0.47
3+76.73 = E.C. - R=3				47 89	47.29	C-0.60	47.29	C-0.60
4+00				47 54	47.05	C-0.49	47.05	C-0.49
+25				46 46	46.79	F-0.33	46.79	F-0.33
+50				45 70	46.53	F-0.83	46.53	F-0.83
+75				45 88	46.27	F-0.39	46.27	F-0.39
5+09.78				45 45	45.90	F-0.45	45.90	F-0.45
+25				45 50	45.75	F 0.25	45.75	F-0.25
5+57.99	OVL			45 32	45.46	F 0.14	45.46	F-0.14
5+82.11				45 09	45.24	F 0.15	45.24	F-0.15
6+06.22				44 59	45.02	F 0.43	45.02	F-0.43
6+30.33				44 08	44.80	F 0.72	44.80	F-0.72
6+54.43				44 19	44.58	F 0.39	44.58	F-0.39
6+78.54				43 77	44.36	F 0.59	44.36	F-0.59
7+02.65				43 80	1144.14	F 0.34	1144.14	F-0.34

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 133

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 1-2-75

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Top Cb. Grade	Cut or Fill	Restake 1-8-75	
7+19.65				43 00	1143.96	F 0.96	1143.96	F-0.96
7+36.65				43 40	43.78	F 0.38	43.78	F-0.38
7+50.87				43 29	43.65	C 0.14	43.65	C-0.14
7+75				42 65	43.44	F 1.79	43.44	F-0.79
8+05.82 B.C. - R=3				42 22	43.18	F 0.96	43.18	F-0.96
E.C. - R=3				41 64	43.04	F 1.40	43.04	F-1.40
B.C. - R=3		Gr. on Rad. points		41 08	42.59	F 1.51	42.59	F-1.51
8+14.81 E.C. - R=3				41 08	1142.37	F 1.29	42.37	F-1.29
8+09.31				40 42	42.26	F 1.84	42.26	F-1.84
8+25.41				40 25	42.26	F 2.01	42.26	F-2.01
8+32.81 B.C. - R=3				41 39	1142.21	F 0.82	42.21	F-0.82
E.C. - R=3				43 54	42.50	C 1.04	42.50	C-1.04
B.C. - R=33				41 61	43.36	F 1.75	43.36	F-1.75
M.O.C. R=33				42 94	45.43	F 2.49	45.43	F-2.49
E.C. - R=33 = 8+66.61				43 30	1145.99		1145.99	F-2.69
					Flow Line Grd.	Flow Line S.G.	Pvmt Grd. W. Side	Pvmt Grd. 20' East	Sub Grd. 20' East
F.L. Grds. Lot# 1, (Flowline moved 10' East of ℄ Lot)									
4+00					1146.38	1145.96	1149.02	1147.20	1146.78
+25					46.12	45.70	47.77	46.95	46.53
+50					45.86	45.44	47.52	46.69	46.27
+75					45.60	45.18	47.27	46.43	46.01
5+09.78 B.C.					45.23	44.81	46.92	46.08	45.66
+25					45.08	44.66	46.77	45.92	45.50
5+57.99					44.79	44.37	46.44	45.61	45.19
5+82.11					44.57	44.15	46.20	45.38	44.96
6+06.22					44.38	43.96	45.96	45.17	44.75
6+30.33					44.13	43.71	45.72	44.92	44.50
6+54.43					43.93	43.51	45.48	44.70	44.28
6+78.54					43.69	43.27	45.24	44.46	44.04
7+02.65					43.47	43.05	45.00	44.23	43.81
7+19.65					43.29	42.87	44.83	44.06	43.64
7+36.65					43.11	42.69	44.66	43.88	43.46
7+50.87 E.C.					42.98	42.56	44.51	43.74	43.32
7+75					1142.77	1142.35	1144.27	1143.52	1143.10

16.50
9.50
26.00

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 194

JOB NO. 9940.02 SURVEY OF Castaic After bay NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	
					Profile of 10' Water Line in Lot # 1 (@ West Cb)
B.M. CA-35				1149 67	BM CA-35, El. = 1149.669, F.B. 4316-7, E'ly P/L M.W.D. Prop. 50' N'ly & Lake Hughes Rd. 2" I.P. Conc. Plug & L.A. Co. Engr. Tag.
3+66				1144 27	
4+00				44 26	
4+37				44 50	
4+75				44 71	
5+25				44 90	
5+57				44 32	
6+07				43 71	
6+45				43 93	
7+10				40 68	
7+37				40 49	
7+62				40 00	

Pvmt. & A.C. Dike Grds. @ Lake Hughes Entrance

		Grd. Top A.C. Dike	Corr. A.C. Dike	Fin. Pavmt. Grd	Sub Grade
0+00 ℄ Int.					
0+24 ℄ Join					
55.5 Rt. Join	46 85				
55.3 Lt. Join	48 81				
0+32, 49± Rt. = end A.C. Dike	46 93	1147.30	F-0 37		
49± Lt. = end A.C. Dike	48 83	1149.09	F-0 26		
0+42, ℄	1146.72			1147.15	1146.73
19' Rt	1146.37			1146.79	1146.37
19' Lt.	1147.09			1147.51	1147.09
0+52±, 30± Rt. = B.C.R.	46 90	1147.37	F-0 47		
30± Lt. = B.C.R.	47 89	1148.35	F-0 46		
0+63±, 22± Rt. = M.O.C.	47 34	1147.68	F-0 34		
22± Lt. = M.O.C.	1147 77	1148.22	F-0 45		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 1-7-75

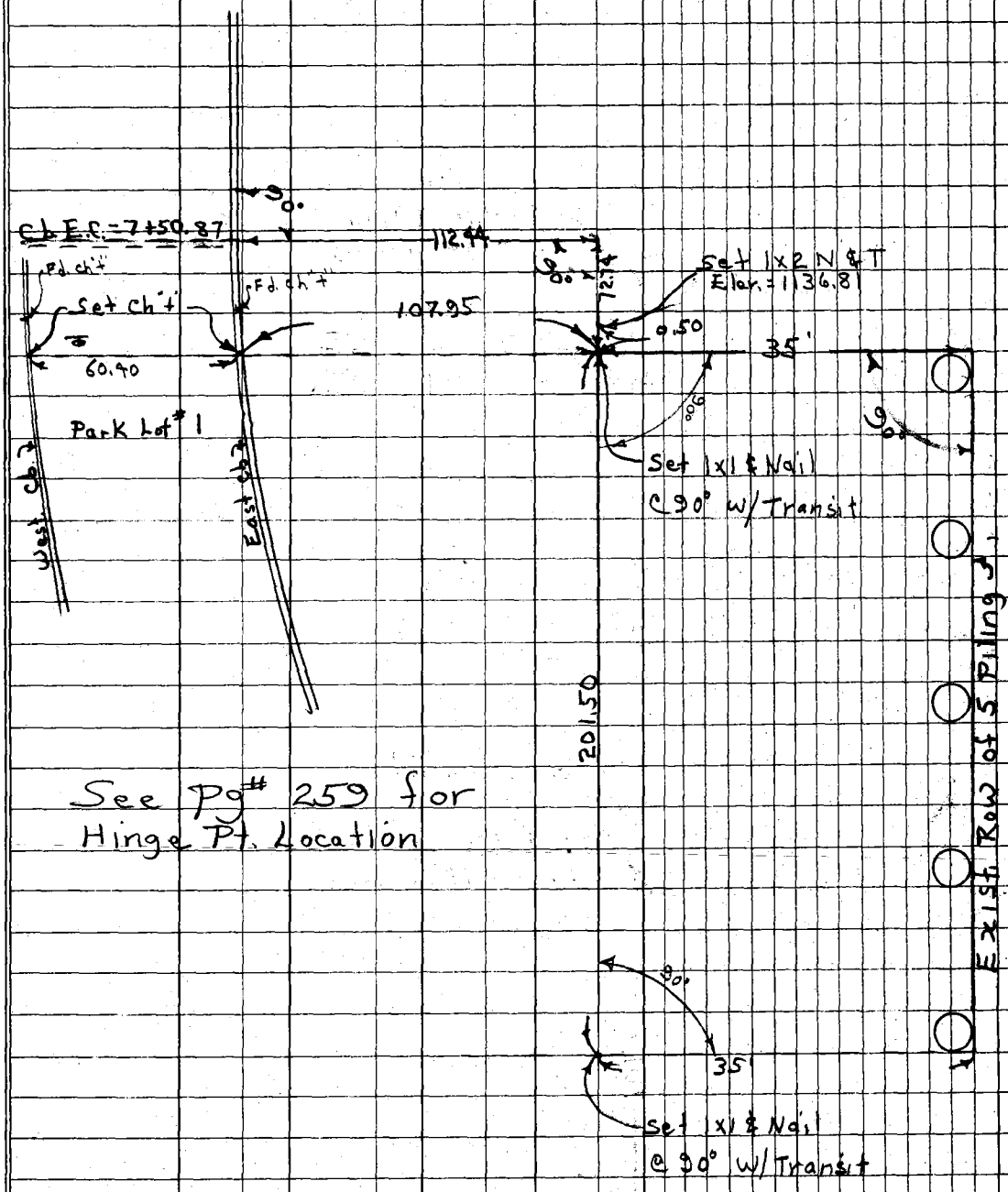
DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 195

STATION	B.S.	H.I.	F.S.	ELEV.

83.00
24.95

Ground Elev. 35' West of Most N'ly Piling @ Boat Dock (West Side Lake)



See Pg# 259 for Hinge Pt. Location

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

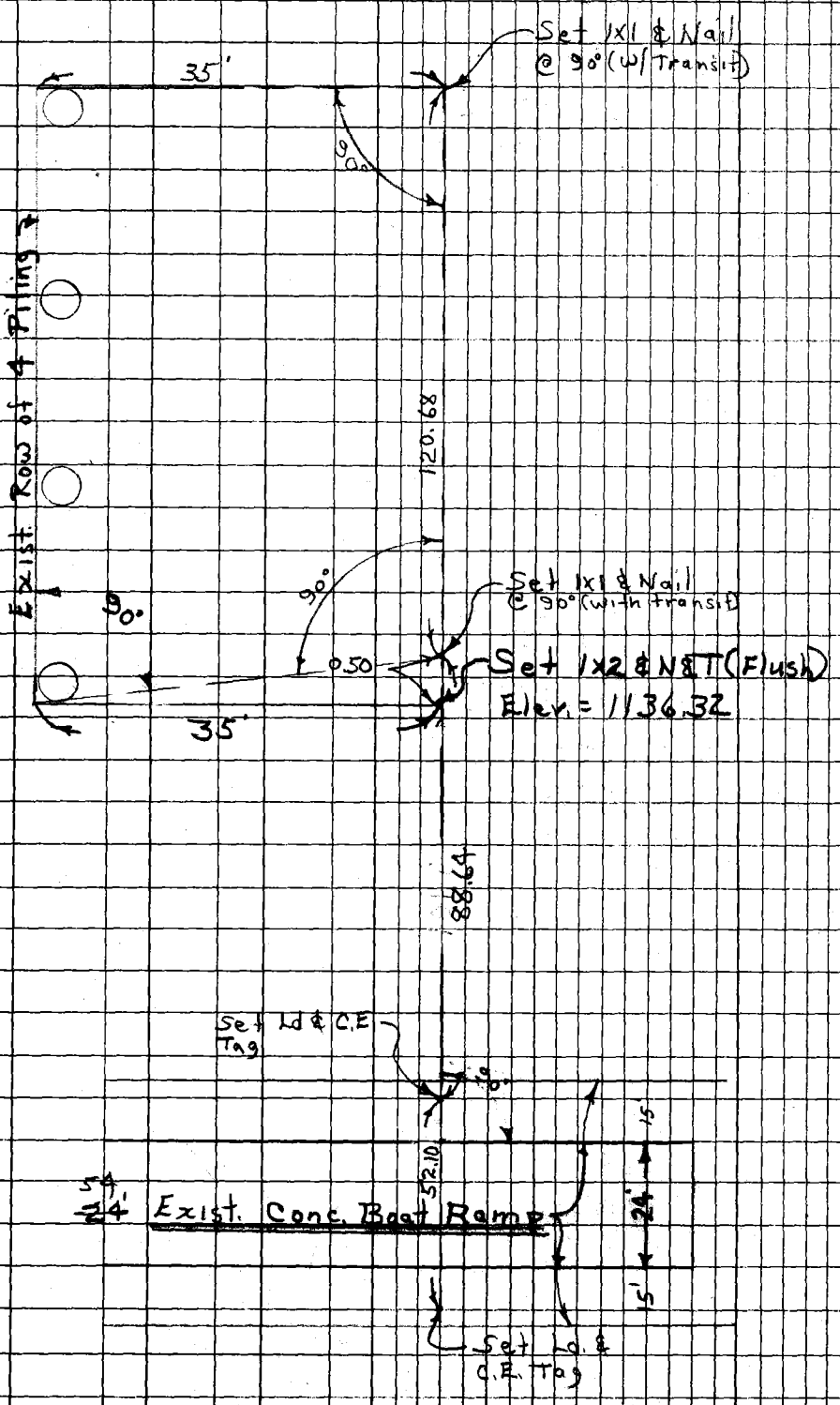
PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 196

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 1-7-75 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.		

Ground Elev. 35' East of most S'ly Piling @ Boat Dock (East Side)



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of	F. B. PG.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

2 +97.82 = E.C.
3 +19.78
3 +35.02 E.C. West cb.
3 +46.78

4 +00								
5 +09.78 B.C.	Δ=17-16, Δ/2=8-38 ℄ R=800	℄ Rd. Ch R=800	W.cb R=815	E.cb R=715	W.cb R=748	℄ Lot R=748	E.cb. R=715
15.22 +25	0-32-42	15.22	15.50	14.93	14.86	14.23	13.60
32.99 5 +57.99 B.V.C.	0-53 1-43-35	32.99	33.61	32.37	32.20	30.84	29.48
24.12 5 +82.11	0-51-49 2-35-24	24.12	24.57	23.66	23.54	22.55	21.55
24.11 6 +06.22	0-51-48 3-27-12	24.11	24.56	23.66	23.54	22.55	21.55
24.11 6 +30.33	0-51-48 4-19-00	24.11	24.56	23.66	23.54	22.55	21.55
24.10 6 +54.43	0-51-47 5-10-47	24.10	24.55	23.65	23.53	22.53	21.54
24.11 6 +78.54	0-51-48 6-02-35	24.11	24.56	23.66	23.54	22.55	21.55
24.11 7 +02.65 PRVC.	0-51-48 6-54-23	24.11	24.56	23.66	23.54	22.55	21.55
17 7 +19.65	0-51-52 7-30-55	17.00	17.32	16.68	16.60	15.90	15.20
17 7 +36.65	0-36-52 8-07-27	17.00	17.32	16.68	16.60	15.90	15.20
14.22 7 +50.87 E.C.	8-38-00	14.22	14.49	13.95	13.88	13.29	12.71
7 +70.65 E.V.C.							
7 +94.81 B.C.R.							
8 +21.81 Int.							
8 +50.00							
8 +66.81							

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

10-42-40 5-21-20

Δ = ~~10-30-15~~ Δ/2 = ~~5-15-07.5~~
R = ~~505~~ 488
L = ~~92.58~~ 91.23
T = ~~46.42~~ 45.75
Long o/s = ~~92.45~~ 91.09

F. B. _____ PG _____

West Cb. Park Lot #1

2+40.97 = B.C.		
~~9.03~~ 8.76		
2+50	0-30-51	8.70
~~23~~ 22.31	1 18-35	
2+73.00	1-49-26	22.17
~~24.82~~ 24.08	1-24-49	
2+97.82	3-14-15	23.93
~~21.96~~ 21.30	1-15-02	
3+19.78	4-29-17	21.17
~~15.24~~ 14.78	0-52-04	
3+35.02 E.C.	5-21-20	14.69
11.76		
3+46.78		
28.22		
3+75		
4+00		
4+25		
4+50		
4+75		
34.78		
5+09.78 B.C		
5+25	0-32-42 -	15.50
5+57.99 B.V.C.	1-43-35 -	33.61
5+82.11	2-35.24 -	24.57
6+06.22	3-27-12 -	24.56
6+30.33	4-19-00 -	24.56
6+54.43	5-10-47 -	24.55
6+78.54	6-02-35 -	24.56
7+02.65 PRVC.	6-54-23 -	24.56
7+19.65	7-30-55 -	17.32
7+36.65	8-07.27 -	17.32
7+50.87 E.C.	8-38-00 -	14.49
7+70.65 E.V.C.		19.78
7+94.81		24.16
8+21.81		27.00
8+50		28.19
8+66.81 B.C.		16.81

East Cb. Park Lot #1

Δ = 9-43-00
Δ/2 = 4-51-30
R = 772.57
T =
L = 131.02
Lc =
Lc 3' o/s = 131.37

1+44.72 B.C.		
~~25.28~~ 25.82		
1+70	0-57-27	25.92
~~30.65~~ 31.30	1 09-38	
2+00.65	2-07-05	31.42
~~24.35~~ 24.87	0 55-20	
2+25	3-02-25	24.97
~~25~~ 25.53	0 56-48	
2+50	3-59-13	25.63
~~23~~ 23.49	0-52-16	
2+73.00 = P.R.C.	4-51-29	23.58

F.L. Grds.

	Fin Grd.	S.G.
4+00	1146.38	1145.96
+25	46.12	45.70
+50	45.86	45.44
+75	45.60	45.18
5+09.78	45.23	44.81
+25	45.08	44.66
5+57.99	44.79	44.37
5+82.11	44.57	44.15
6+06.22	44.38	43.96
6+30.33	44.13	43.71
6+54.43	43.93	43.51
6+78.54	43.69	43.27
7+02.65	43.47	43.05
7+19.65	43.29	42.87
7+36.65	43.11	42.69
7+50.87	42.98	42.56
7+75	42.77	42.35

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

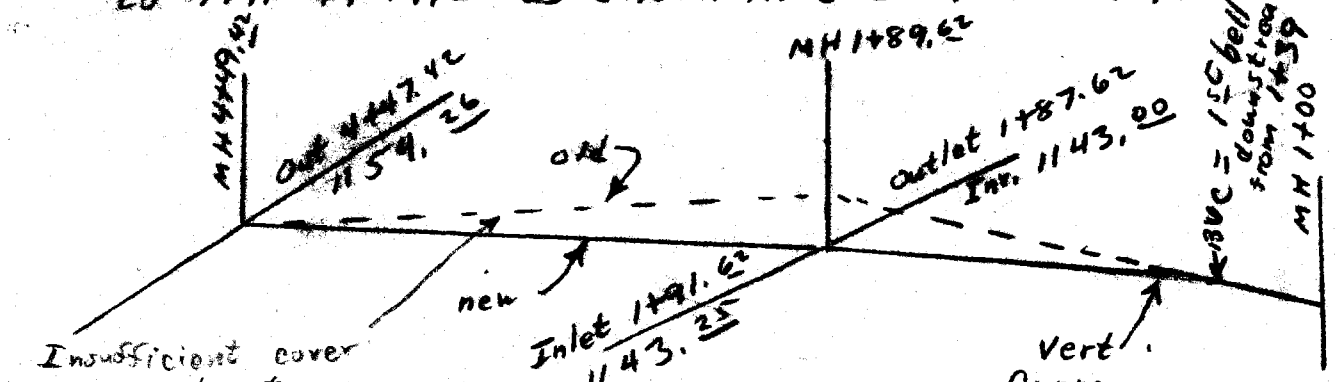
7 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder From Inspector Dennis Dee Date 31 July 74

Subject Change in sewer design. No.

1. Restake S.S. sht. 26 in area of new S.S. MH 1+89.62. S.S. will be replaced from 1st bell downstream from 1+39 to MH 1+89.62 and redesigned from MH 1+89.62 to MH 4+49.42 as shown in sketch below:



Insufficient cover over S.S. due to error on plans.

7 56 Cdb 6-61

LOS ANGELES COUNTY

LETTERGRAM

To Acting Party Chief Beasley

From Inspector Dennis Dee

Date 27 Aug. 74

No. 10

Subject Survey Request

1. Set stakes for rough grade in area of water mains in phase II shts #5, #6, & #7

2. Stake 30" CMP across Rd. Phase II sht. #5

3. Stake upper part of S. D. ~~from~~ 48" CMP and 60" CMP sht. #8 (hold off on 54" CMP section)

Dennis Dee

54" CMP sht. 8

30" CMP sht. 5

7 16 Cdb 6-61

LOS ANGELES COUNTY

LETTERGRAM

To Acting Party Chief Beasley

From Inspector Dennis Dee

Date 28 Aug. 74

Subject Survey request

No. 1

1. Set rough grade stakes for parking lot #3, N E.

2. Stake sewer near Old Ridge Route on sht. #8, & 7

Dennis Dee

76L24 [illegible] 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	DENNIS DEE PROJ. INSPECTOR	FROM	VIC CROWE SURVEY

Subject

Date 8/30/74 No. 11

Change of Plans

Move SS M.H. Sta 60+76.49 Westerly along Line Prod 24.51 ft. to Intersect 12" transite sewer Line Comming from the North west New sta 61+01.00±

Dennis Dee

60+76.49
24.51
61+01.00

7 56 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Party Chief Randall

From Inspector Dennis Dee

Date 3 Sept. 74

Subject Survey Request

No. 12

1. Stake ~~rough~~ sub grade for comfort stations on East side of lake. (for week of Sept. 9)

✓ 2. Stake 3 new road crossings over ~~7~~ existing ~~54" 72"~~ water line on East side of Lake.

SHT 13 & 14. Location for Contr. to search for existing 54" water line to see if planned Rd. Elev. will give required cover over water lines. Stakes could not last long enough to be used for constructing the Rd.

Dennis Dee

761245 5M 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	DENNIS DEE PROJ. INSPECTOR	FROM	VIC CROWE SURVEY

Subject STAKING REQUEST

Date 9/4/74

No. 14

PLEASE STAKE 30" C.M.P., SHT. 8., FROM JUNCTION OF 54" & 48" CMP & CATCH BASIN.

Dennis Dee

7 56 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Randall

From Inspector Dennis Dee

Date 5 Sept. 74

Subject Survey request

No. 15

1. On East side of lake shts # 4, 12, and 13, set 1 or 2 stakes at offsed from where ℄ new Rd. crosses over existing 54" water line (Plans call for Conc. encasement of water line in 3 places)
Give cut or fill to Fin. Pvmt. location needs be approximate only. Must dig to find joint in pipe and locate Rd. accordingly.

Dennis Dee

These stakes for contractor to uncover 54" pipe to see if planned Elev. of Rd. will give proper cover over existing pipe

7 56 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder From Inspector Dennis Dee Date 1 Oct. 74

Subject Survey Request No. 16

1. Sewer laterals
2. Sprinkler system P sht # L-20
3. " " M sht. # L-20
4. Storm Drain CMPs on East side of Lake.
5. Locate Elec. pull boxes in area of sprinkler system "P".

E. side CMP SD
Lay out line 7m to give grade info.

Dennis Dee

66 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder From Inspector Dennis Dee Date 9 Oct. 74

Subject Survey Request No. 18

1. Set rough grade stakes on Equestrian area parking lot and horse ring site Sht. II 10

Dennis Dee

76L CAB 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	Dennis Dee Proj. Insp	FROM	D. Burkholder Surrey

Subject

Date 8-2-74 No. 15

Change of Plans.

Moved hdwall @ west end of 60" C.M.P. (2.42 E'ly) to fit end of 60" C.M.P. as built.

Stk 3 Catch Basins in Park Lot #1

Stk hdwalls on 2-48" dble Culverts on old Ridge Rte.

Stk. 1 Catch Basin in Park Lot (N.E. Sht #7)

Stk all Comfort Sta. for Constr. Phase II

Profile Park Rd. (Grd. for Electrical)

Rough Grd. Stks (Picnic Areas & Park Lots Phase II

Relocate 30" C.M.P. (N.E. Cor. Sht. #5) & Part of Road to Match existing Gate in C.L. Fence.

Stake 3 Catch Basin (East side Sht #11) Dennis Dee

7612 DB 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	FROM
Dennis Dee Proj. Insp.	D.L. Burkholder Insp. 20

Date 10-24-74 No. 20

Subject

① Grd. Stks for Conc. Curbs on Roads & Park Lots Starting @ ? No. end of Site & Progressing So.

② Stk all Buildings for Constr. on East side Lake & Equestrian Area

③ Rough Grd stks @ Equestrian Area & Horse trail

Dennis Dee

'66 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder From Inspector Dennis Dee Date 23 Oct. 74

Subject Survey Request No. 21

1. Set stakes for curbing on main park road shts #5, and 6 S/y to fence gate @ 72" S.D.
Set stakes 3' off of curbs both sides of Rd.

2. Set stakes for fine grade on parking lots #13 to #1
shts 5 to 9

Dennis Dee

See (Dup) # 20 (Not Restaking)

266 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder

From Inspector Dennis Dee

Date 31 Oct. 74

Subject Survey Request - Castaic Afterbay

No. 22

1. For mostly northerly parking lot on East side of lake, dirt will be imported for fill. Survey stakes are needed for rough grading and also for computation of volume of dirt imported for fill.

Dennis Dee

To see how much fill dirt to bring in.

56 Cdb 6-61

LOS ANGELES COUNTY LETTERGRAM

To Survey Party Chief Burkholder From Inspector Dennis Dee Date 7 Nov. 74

Subject Survey Request Castaic Afterbay No. 23

After Cbs stakes

1. ~~Where~~ Dennis On East side of lake where each parking lot entrance crosses the existing 54" M.W.D. water main, get Elev. of top of pipe and Elev. existing ground over pipe. Contractor will open up holes.
2. On West side of lake, set curb stakes for Park Rd. from gate near 72" S.D. ~~southe~~r Sht. #6 southerly to Lake Hughes Rd.

Dennis C Dee

.66 Cdb 6-61

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Barkholder

From Inspector Dennis Dee

Date 20 Nov. 74

Subject Survey Request

No. 24

1. Set survey stakes to compute volume of fill on all parking lots on E. side of lake in addition to the most Northerly parking lot.

Dennis C. Dee

As a check on how much fill dirt was brought in and how much extra to pay the Contractor.

76M1545—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

#25 27 Nov. 1974

FROM: Inspector Dennis Dee

TO: Survey Party Chief Burkholder

SUBJECT: Survey Request - Castaic Lake

1. Set stakes for 35 picnic areas for Concrete slabs.

Set 6 stakes per picnic area.

Original estimate = ? stakes

Dennis Dee

76M154S—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

#26 11 Dec. 1974

FROM: Inspector Dennis Dee

TO: Survey Party Chief Burkholder

SUBJECT: Revised Plans

1. ~~Stake~~ & note depressed Cbs. as shown on revised plans in Insp. office shts 5, 7, 9 (Bldg. 6184), 10 (Bldg. 6188)

2. Sht #5, drive between circle @ 40+00.34 and west edge of Rd. appears on ground to be 10' instead of 12'. Check it on ground & if necessary move Center of circle Ely.

Dennis Dee

3. Sht. 7 picnic pad N 366,445.00 needs rotating to make drinking fountain fit S.S. lateral

CK'S O.K. 12-13-74 P.L.B.

Circle Removed To Be Repord due To Poor Work on The cement

7612 [illegible] 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	FROM
Dennis Dee Proj. Insp.	D. Burkholder, Survey

Date 1-8-75 No. ~~21~~ 27

Subject

1) Change in Park Lot #1 Design
Raise west curb Grade to Provide minimum Cover (18")
over 10" Water Line

2) Adjust South Entrance Curb Grades to reflect Change
in west curb Grades

Dennis Dee

76M154S—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

No. 28 Jan. 14 1975

FROM: Inspector Dennis Dee

TO: Survey Party Chief Burkholder

SUBJECT: Survey Request - Castaic Lake Afterbay

1. Sht #7 & 8, Parking Lots #3, 4 & 5. These lots have sloping cut bank devider in middle. Please set stakes 5' off of top of bank and toe to hold line & grade for top and toe.

2. Sht #8, large traffic circle island. Set rough grade stakes to build up circular island before curb stakes for circle.

Dennis Dee

76M154S—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

No. 29 Jan. 14 1975

FROM: Inspector Dennis Dee

TO: Survey Party Chief Burkholder

SUBJECT: Survey Request – Castaic Lake Asterbay

1. Set sub-grade stakes for all parking lots on 25' grid. Sub-grade = Fin. grade – 5".

2. On access or park roads, set no sub-grade stakes. Contr. will use Conc. gutter on edge and will string beetween gutters to set crown.

Dennis Dee

76L CAS 8-78 27

LOS ANGELES COUNTY LETTERGRAM

TO	Survey Party Chief Burkholder	FROM	Inspector Dennis Dee

Subject

Date 20 March 75 No. 30

Survey Request; Castaic Lake Afterbay

For Work In Addition To Survey Estimate Agreed Upon

By Project Mgr. Hansen and Field Engineer Crowe

1. Locate and set grade for 27 light standards. 3
2. Locate 35 drinking fountains. Set grade for same. 4
3. Locate and set grade for 5 play area circles. 2
4. Locate and set grade for 3 vehicle bridges. 2
5. Locate and set grade for 5 life guard towers. 2

Dennis C Dee

76M154S—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

13 Feb. 1975

FROM: Inspector Dennis Dee

TO: Survey Party Chief Burkholder

SUBJECT: Survey Request for items not in approved survey estimate

1. Set 2 stakes for drinking fountain pads at approximately 30 picnic shelters.

76M154S—CE 327—6/74

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

24 April 1975

FROM: Inspector Ed Nimbish

TO: Survey Party Chief Burkholder

SUBJECT: Survey Request

1. Set location of approximately 40 sign posts (not in original estimate)
2. Set key radius points and a minimum of other points to locate soil cement walkways spending up to 4 ~~days~~ survey party days. For additional time for walkway survey obtain another request.

Ed Nimbish

761 [illegible] 8-70

LOS ANGELES COUNTY LETTERGRAM

TO	Survey Party Chief Burkholder	FROM	Inspector Dennis Dee

Subject

Date Jan. 75 No.

Request for survey in addition to original agreed upon estimate of April 24, 74

CASTAIC LAKE AFTERBAY

1. Conduct exploratory survey on feasability of redesigning the slope on east side of main ridge, sht 8, from contractors trailer (near traffic circle) N'ly to existing runoff gutter.

This belongs
in F.B 4315.

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes MRN Date 1-75
Date	Indexed

F.B. 4315 PG. 177

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes on this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

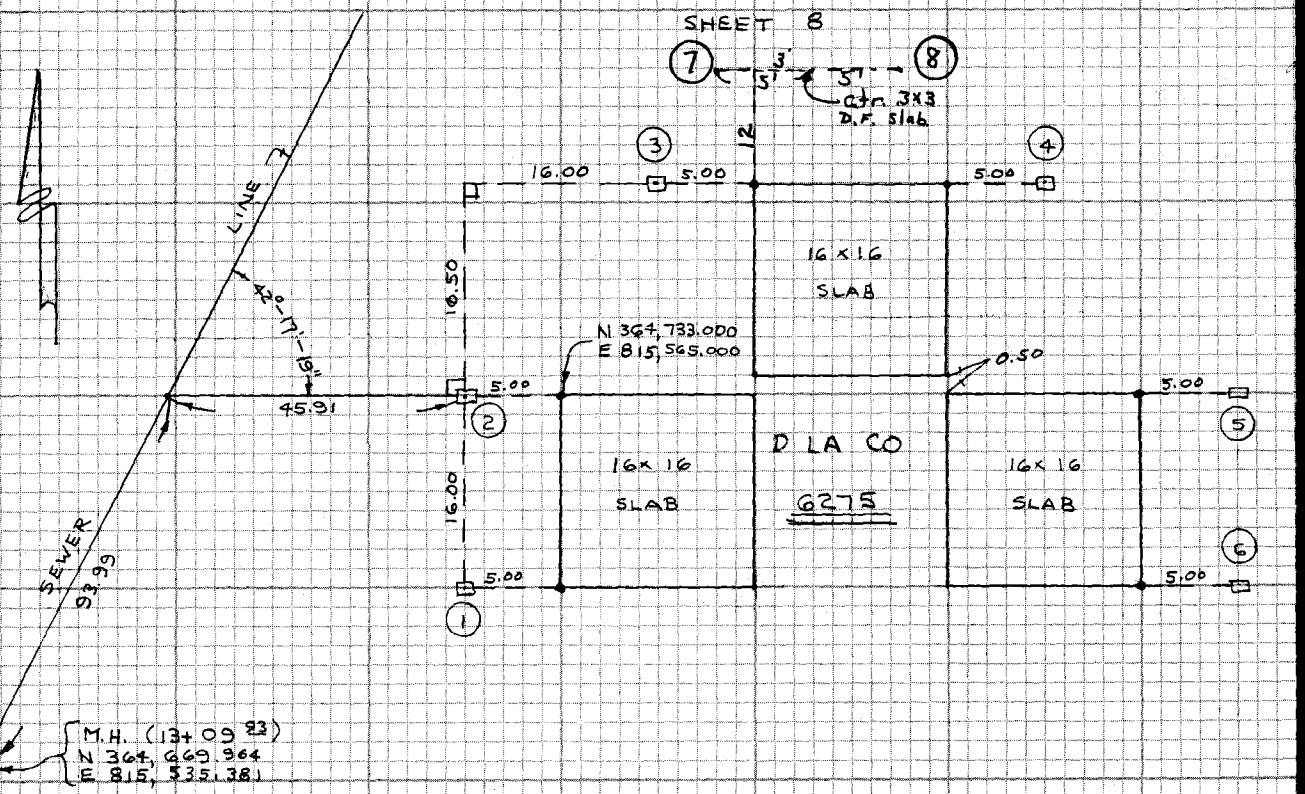
STAKES & GRADES FOR PICNIC PADS

1) L.A. CO. 6275 - SHEET 8
2) L.A. CO. 6276 - SHEET 8
3) L.A. CO. 6255 - SHEET 8
4) L.A. CO. 6254 - SHEET 7
5) ROUGH GRADES PICNIC AREA 6272 & 6273
6) L.A. CO 6272 & 6273 - SHEET 8
7) LA CO 6256, 6257, & 6274 - SHEET 8
8) PAD @ N 366,911 E 814,931 - SHEET 6
9) L.A. CO. 6253 - SHEET 6
10) LA CO. 6267 - SHEET 6
11) L.A. CO 6252 - SHEET 6
12) L.A. CO 6263 - SHEET 5
13) LA CO 6265 - SHEET 5
14) LA CO 6266 - SHEET 5
15) LA CO 6250 - SHEET 5
16) LA CO 6262 - SHEET 5
17) N368,186 E 814,796 - SHEET 5
18) LA CO. 6264 - SHEET 5
19 LA CO 6260 - SHEET 5
20) LA CO 6251 - SHEET 5
21) LA CO 6261 - SHEET 5
22) LA CO 6259 - SHEET 5

F.B. 4315 PG. 198

PICNIC PADS

SHEET 8

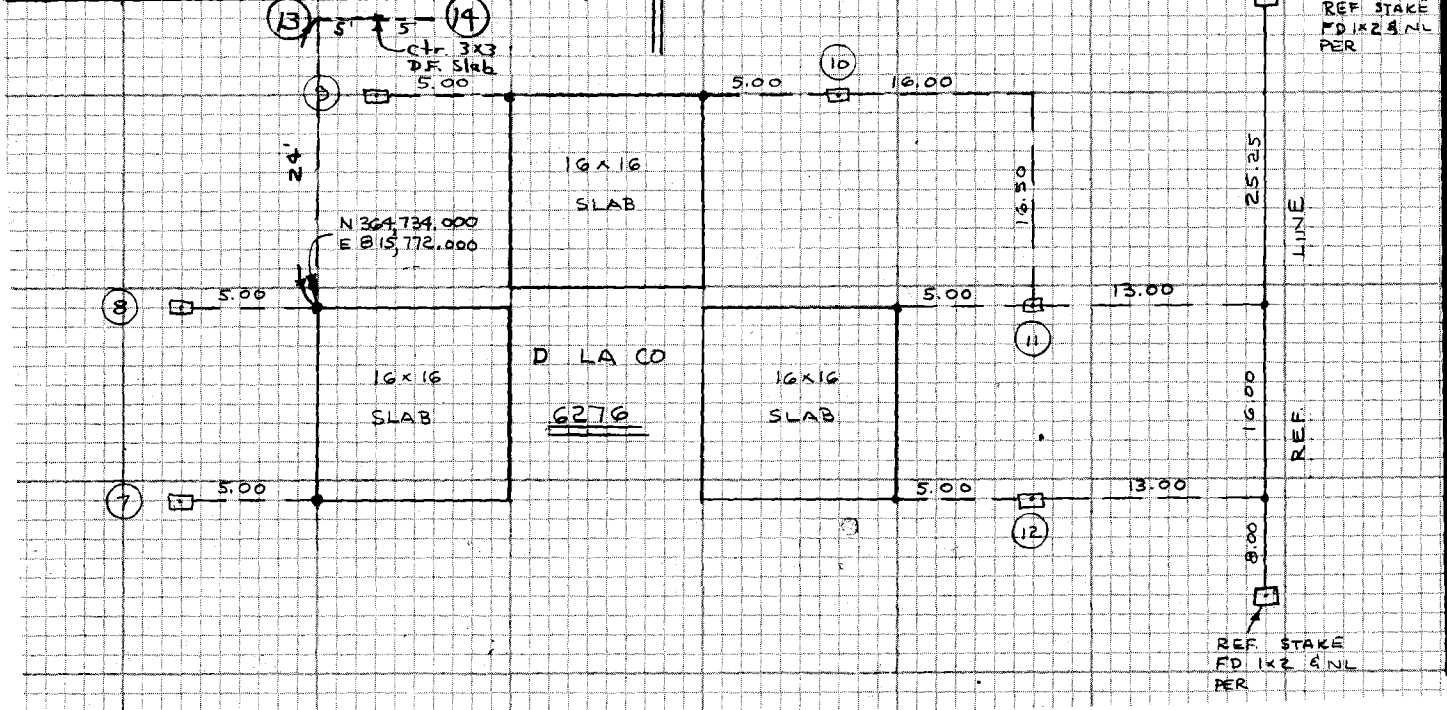


STA	ELEV	FIN. GR	CUT/FILL TO FIN. GR
1	1146.83	47.50	F-0.67
2	1146.89		F-0.61
3	1146.89		F-0.61
4	1146.74		F-0.76
5	1146.73		F 0.77
6	1146.71		F-0.79

Sta	Elev	Fin. D.F. Slab Grd.	C or F. Fin Grd.
9	47.05	1147.04	C 0.01
8	47.03	1147.04	F 0.01

STA	ELEV	FIN. GR.	CUT/FILL TO FIN. GR.
7	1144.64	45.00	F-0.36
8	1144.96		F-0.04
9	1144.97		F-0.03
10	1144.65		F-0.35
11	1144.57		F-0.43
12	1144.75		F-0.25

Sta	Elev.	Fin D.F. Slab Grd.	C or F. Fin Grd.
13	45.03	44.54	C 0.49
14	45.18	44.54	C 0.64



CE 310
76F30954/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

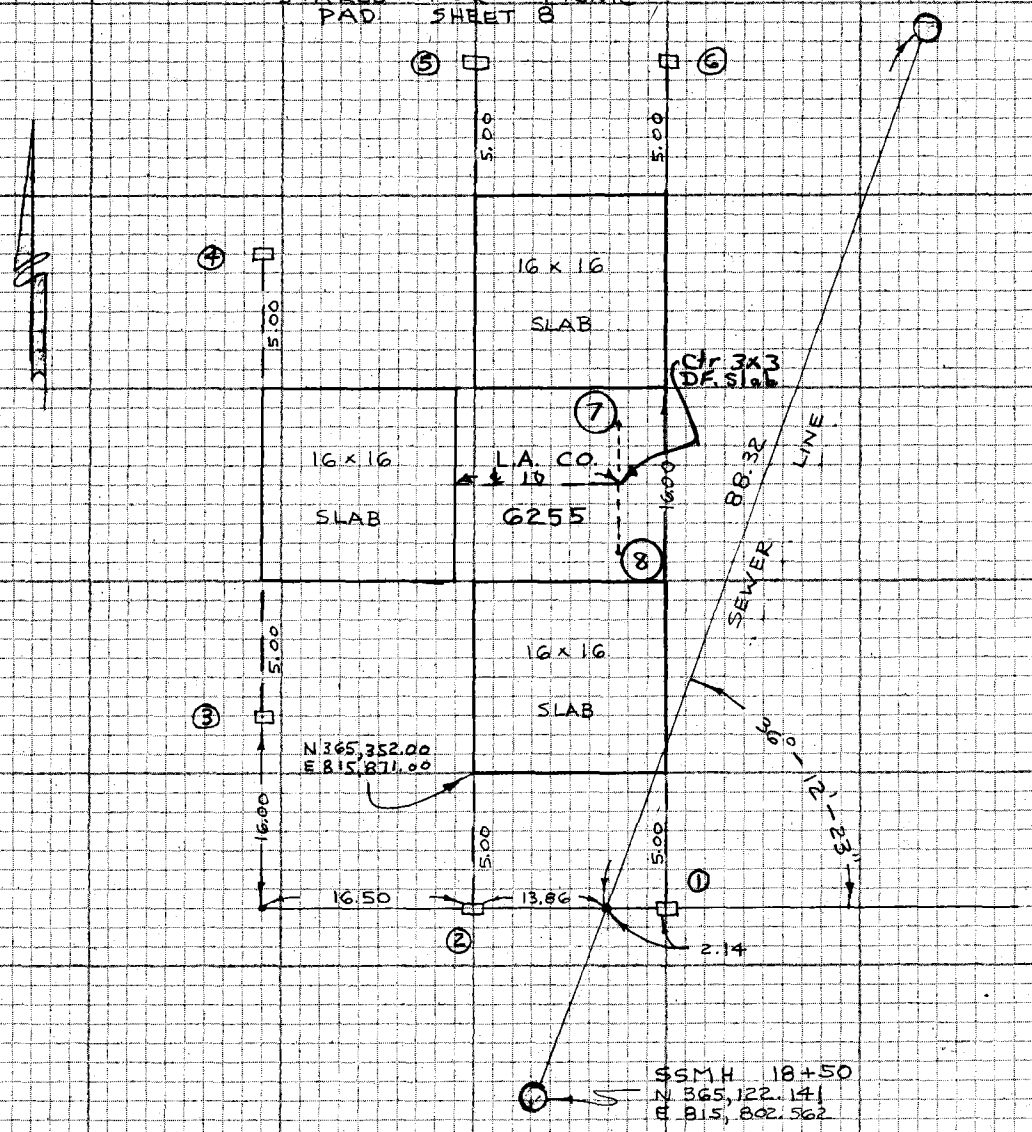
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M. R. NEVAREZ
Checked	Notes M.R.N. Date 1-75
Date	Indexed

F.B. 4315 PG. 189

STAKES FOR PICNIC PAD SHEET 8



STA.	+	H.I.	−	Elev.	Fin Gr.	Cut/Fill to F.G.	Remarks
B.M.				1159.05	—	—	C.A-38
T.P.	0.37	1159.42	4.25	1155.17	—	—	
①	4.51	1159.68	5.00	1154.68	1155.16	F-0.48	
②			4.94	1154.74		F-0.42	
③			4.66	1155.02		F 0.14	
④			4.91	1154.77		F-0.39	
⑤			5.15	1154.53		F-0.63	
⑥			5.07	1154.61		F-0.55	

Sta	Elev.	Fin. D.F. Slab Grd.	C or F. Fin Grd.
⑦	1154.70	1154.91	F 0.21
⑧	1154.88	1154.91	F 0.03

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

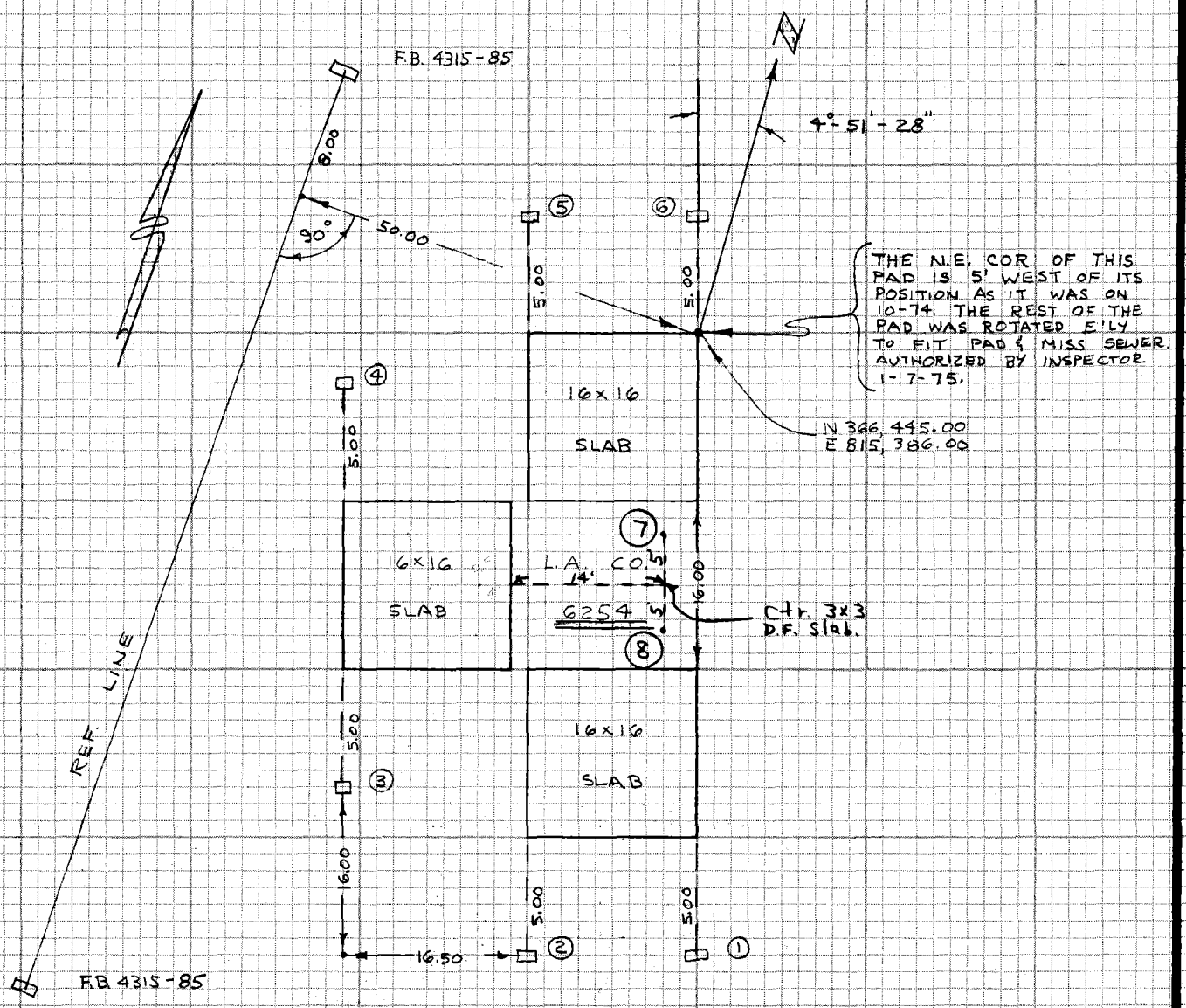
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 200

STAKES FOR PICNIC PAD SHEET 7



STA	ELEV	FIN GR	CUT / FILL TO F.G	REMARKS
B.M.	1173.85	—	—	C.A. 42
1	1161.48	1162.10	F - 0.62	
2	1161.45		F - 0.65	
3	1161.42		F - 0.68	
4	1161.32		F - 0.78	
5	1161.18		F - 0.92	
6	1161.15		F - 0.95	

	Elev.	Fin DF. Slab Grd	C or F Fin. Grd.
7	61.05	1161.68	F 0.63
8	60.97	1161.68	F 0.71

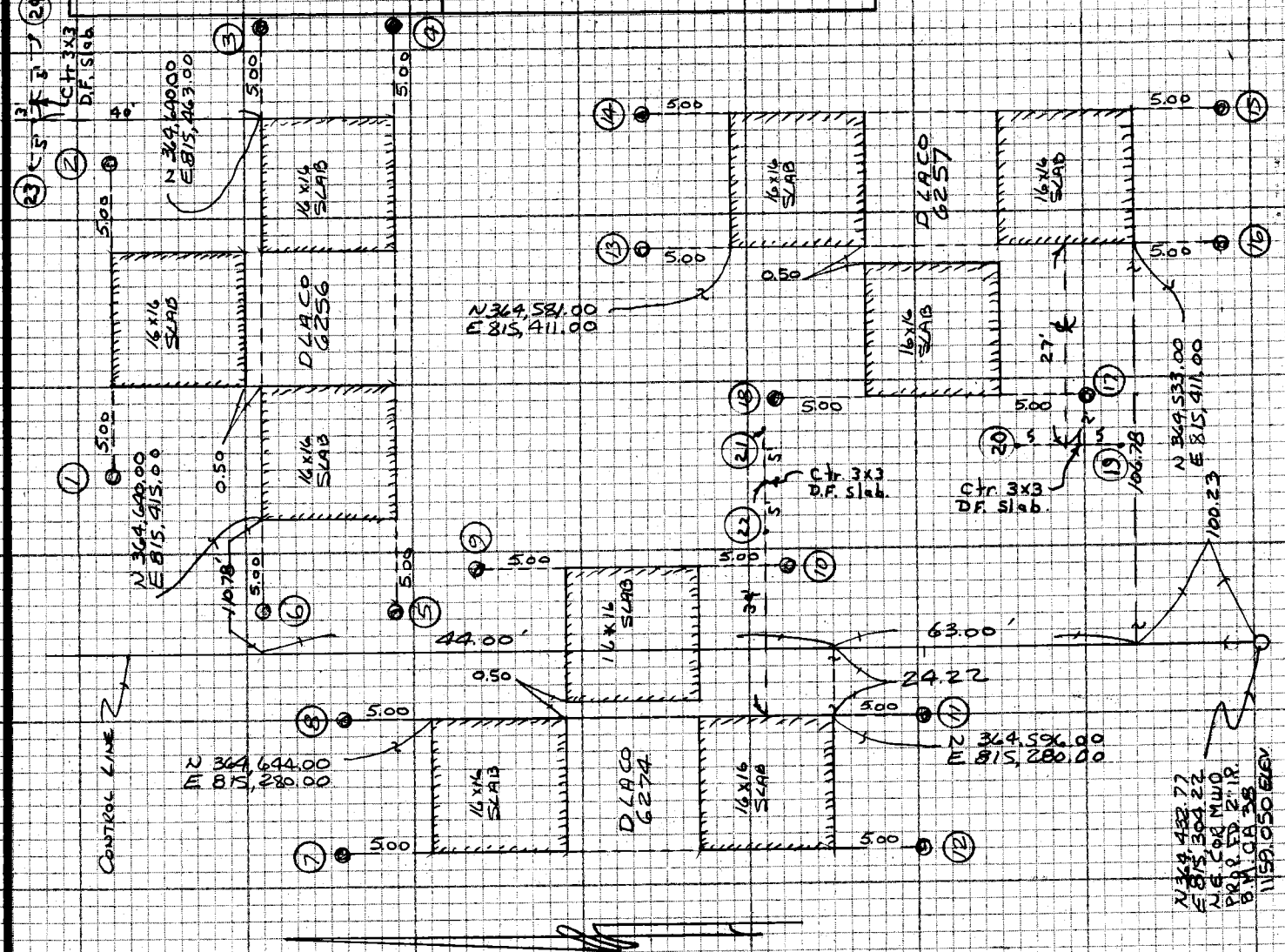
CE 310
76F 3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE AFTERBAY F.B. 4315 PG. 201
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes JGR Date 27-DEC-74
Date	Indexed



STA	ELEV.	FINISH FLOOR	CUT/FILL TO FINISH FLOOR	REMARKS
B.M.	1159.050			CA 38
1	1153.49	1154.00	F 0.51	
2	1153.65		F 0.35	
3	1153.59		F 0.41	
4	1153.59		F 0.41	
5	1153.30		F 0.70	
6	1153.34		F 0.66	
7	1158.55	1159.00	F 0.45	
8	1158.44		F 0.56	
9	1158.54		F 0.46	
10	1158.62		F 0.38	
11	1158.38		F 0.62	
12	1158.49		F 0.51	
13	1152.30	1153.00	F 0.70	
14	1151.96		F 1.04	
15	1152.15		F 0.85	
16	1152.17		F 0.83	
17	1152.46		F 0.54	
18	1152.14		F 0.86	

Sta	Elev.	Fin D.F. Slab Grd	C or F. Fin Slab
19	1152.85	1152.54	C 0.31
20	52.00	1152.54	C 0.46
21	55.75	1155.00	C 0.75
22	57.11	1155.00	C 2.11
23	53.59	1155.00	F 1.41
24	1153.41	1155.00	1.59

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

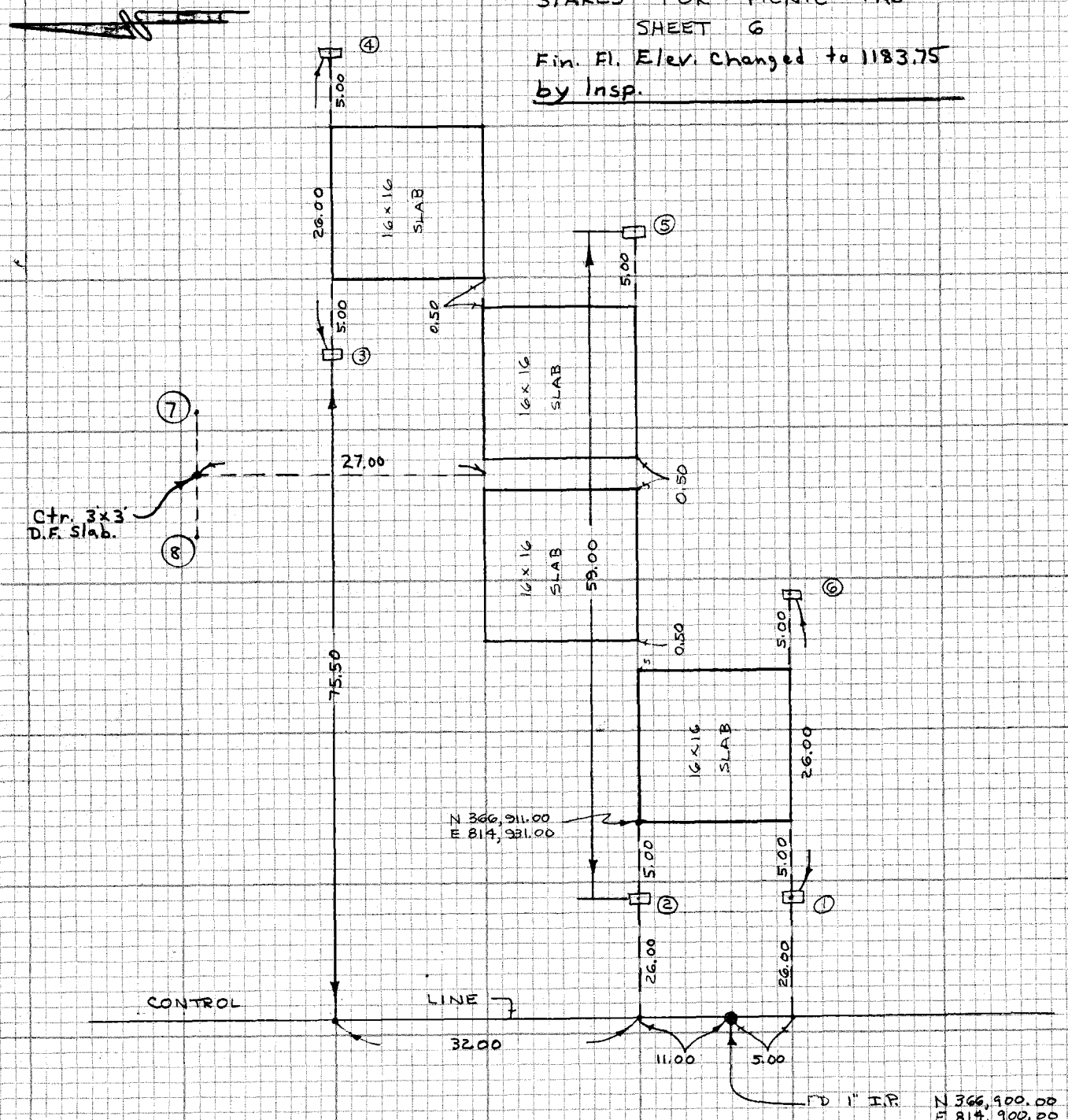
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 202

STAKES FOR PICNIC PAD
SHEET 6
Fin. Fl. Elev. Changed to 1183.75
by Insp.



STA	ELEV	FIN GRADE	CUT/FILL	REMARKS
T.B.M.	1193.32			N 366,900.00 E 814,900.000
①	1185.42	1183.75 ~~1184.90~~	C-1.12	
②	1183.53		F-0.22	
③	1183.23		F-1.02	
④	1183.14		F-1.16	
⑤	1183.11		F-1.19	
⑥	1183.28		F-1.02	
	Elev.	Fin. D.F. Slab @	C or F	
⑦	8350	1183.14	C 0.36	✓
⑧	8338	1183.14	C 0.24	✓

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

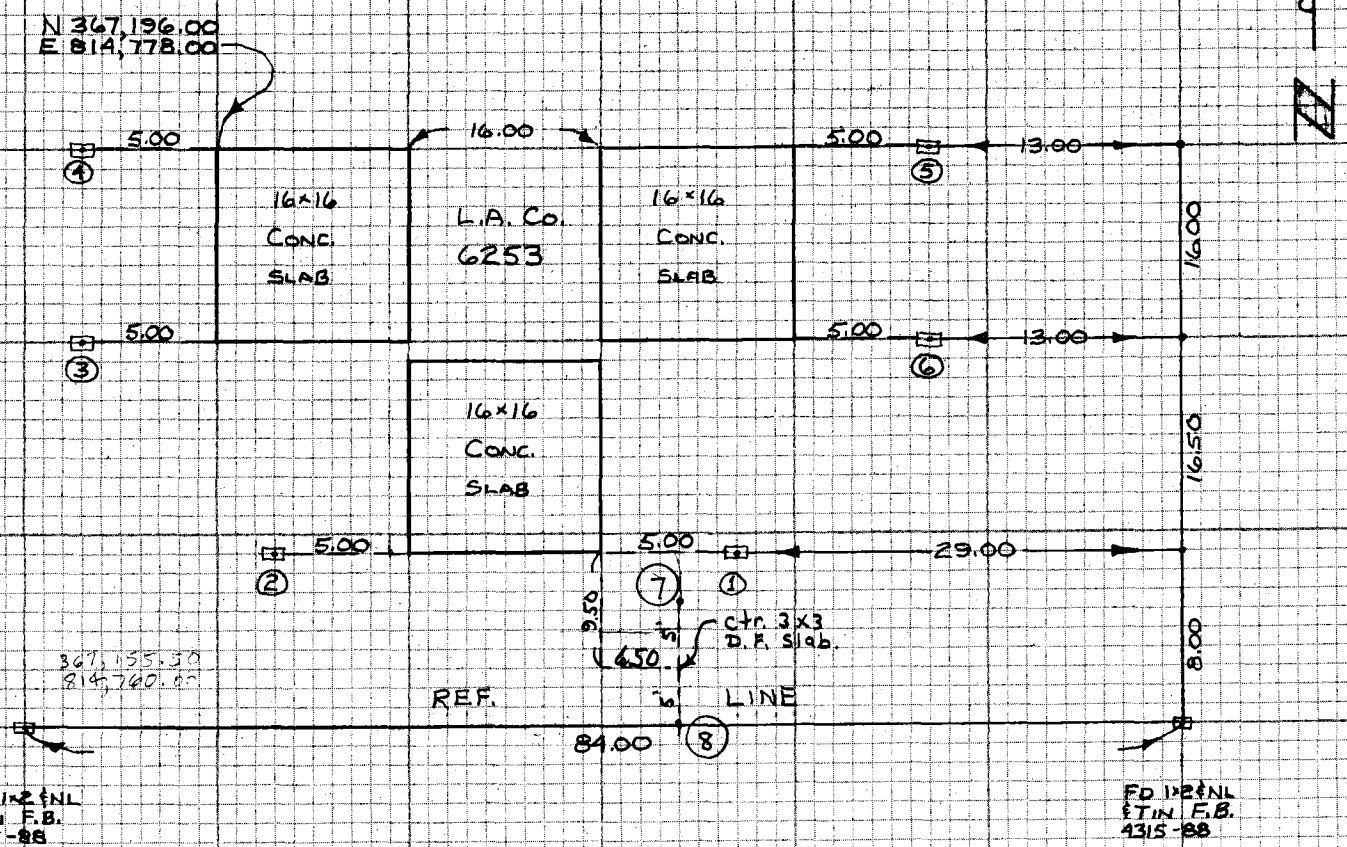
Do not exte... notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes A.E.L. III Date 1-75
Date	Indexed

F.B. 7315 PG. 203

STAKES FOR PICNIC PAD
SHEET 6



STA.	ELEV	FIN GR	CUT/FILL TO F.G.	REMARKS
T.B.M.	1193.32	—	—	366,900 814,900
1	1185.41	1185.00	C-0.41	
2	1184.47	"	F-0.53	
3	1184.57	"	F-0.43	
4	1184.86	"	F-0.14	
5	1184.52	"	F-0.48	
6	1184.82	"	F-0.18	
	Elev.	Fin D.F. Slab Grd.	C or F. Fin Grd.	
7	85.31	1184.54	C- 0.77	
8	86.19	1184.54	C 1.65	

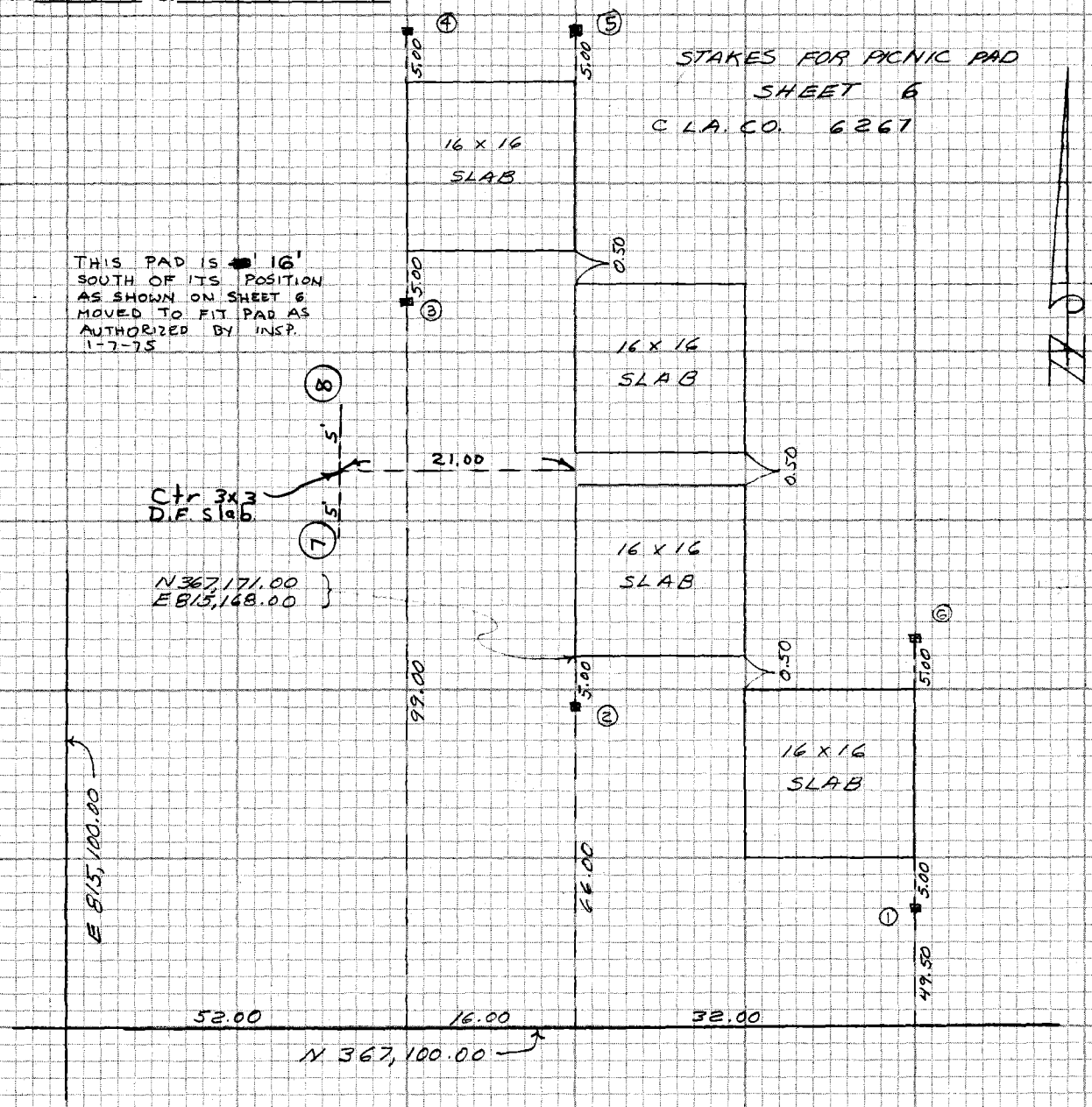
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 204



STA	ELEV.	FIN. GR	CUT/FILL TO F.G.	REMARKS
B.M.	1172.72			CA 70
1	1153.66	1154.00	F-0 34	
2	1153.59		F-0 41	
3	1153.10		F-0 90	
4	1153.54		F-0 46	
5	1153.64		F-0 36	
6	1153.30		F-0 70	
	Elev.	Fin. D.F. Slab Grd.	C or F Fin Grd.	
7	1153.90	1153.54	C 0.36	
8	53.47	1153.54	F 0.07	

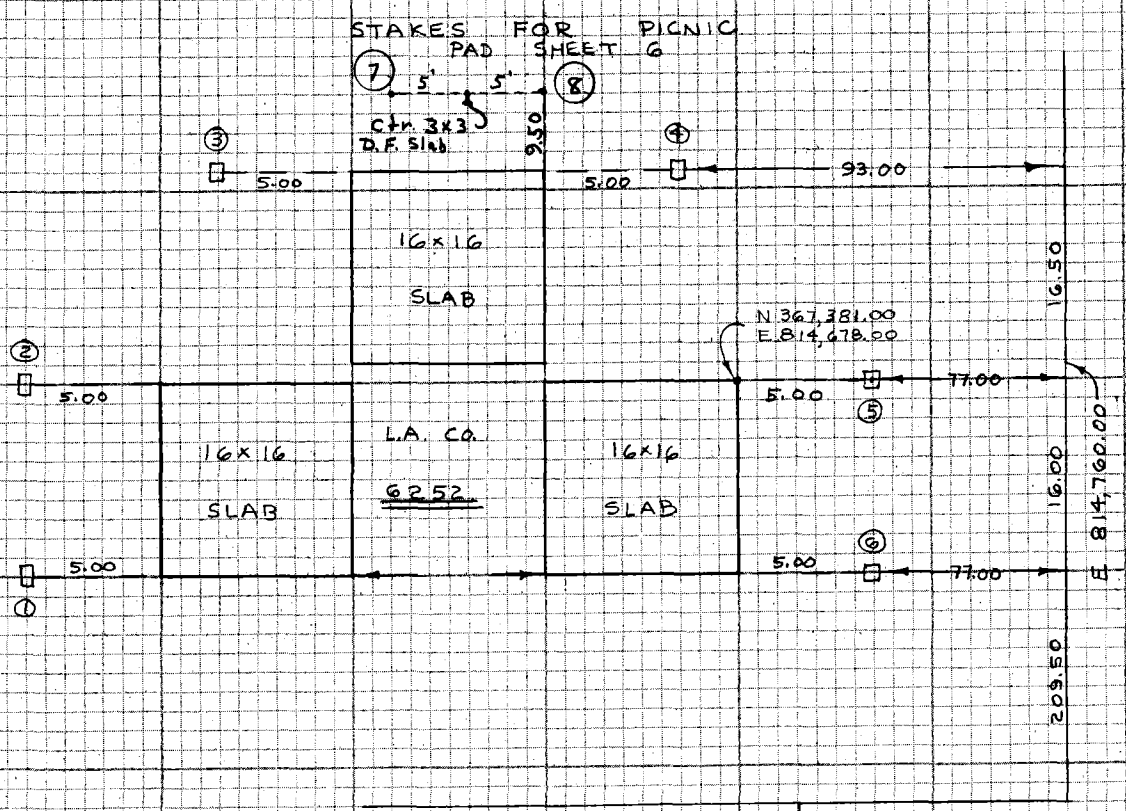
CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE — F.B. 4315 PG. 205
Map No.	JN 9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date 1-75
Date	Indexed



STA	ELEV.	FIN. GR	CUT/FILL TO F.G.	REMARKS
T.B.M.	1193.32	——	——	N 366,900 E 814,900
1	1183.90	1184.00	F-0.10	
2	1183.52		F-0.48	
3	1183.27		F-0.73	
4	1183.59		F-0.41	
5	1183.70		F-0.30	
6	1183.63		F-0.37	

	Elev.	Fin. D.F. Slab Grd.	Cor. F. Fin Grd.
7	8324	1183.54	F 0.30 ✓
8	8350	1183.54	F 0.04 ✓

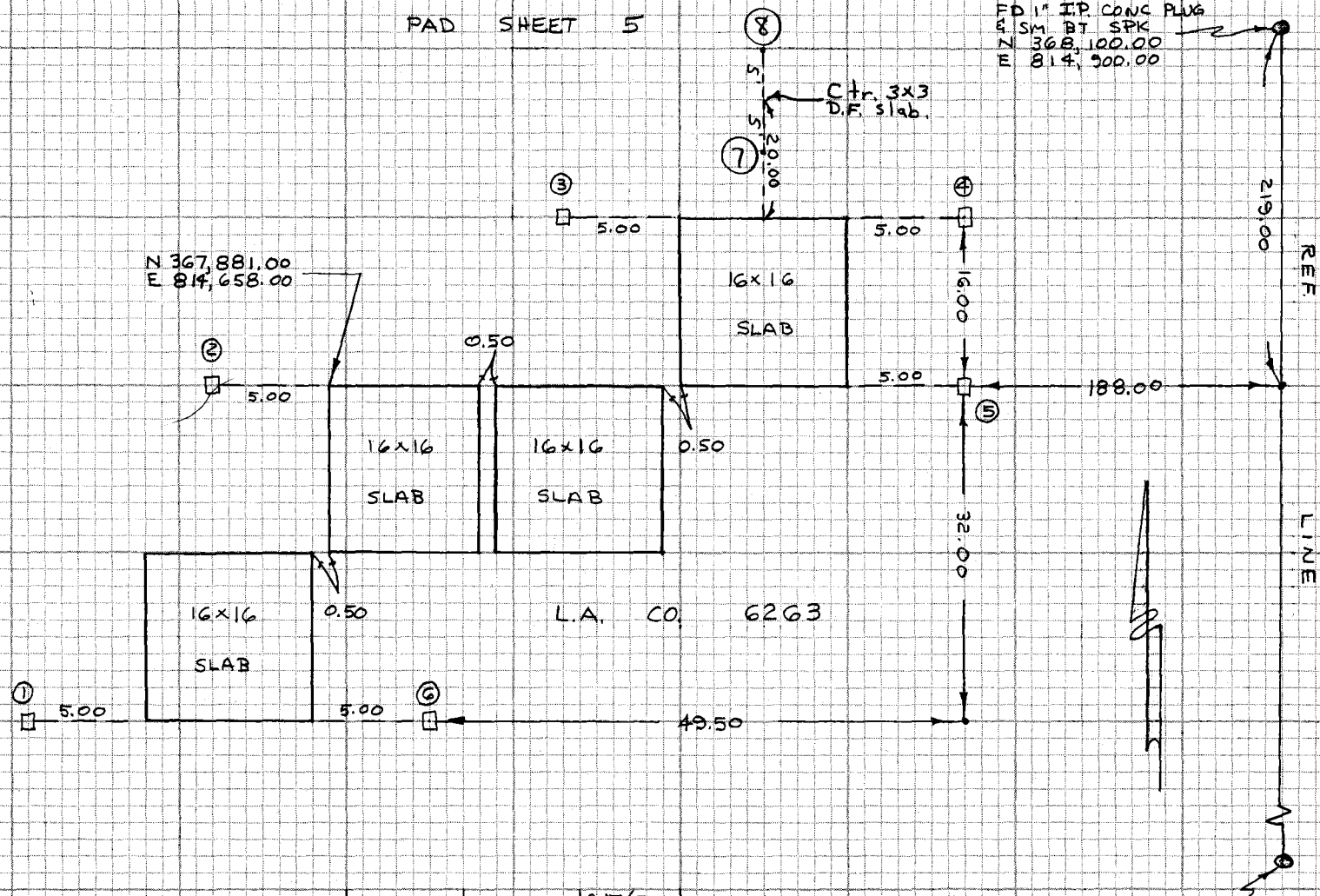
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

STAKES FOR PICNIC
PAD SHEET 5



Sta.	Elev.	Fin. D.F. Slab Grd.	C or F Fin Grd.
7	88.73	1189.50	F 0.77
8	89.26	1189.50	F 0.24

STA	ELEV	FIN. GR	CUT/FILL TO F.G.	REMARKS
B.M.	1185.83	—	—	CA 67
1	1177.87	1188.50	F-0.67	
2	1177.50		F-1.00	
3	1177.68		F-0.82	
4	1177.66		F-0.82	
5	1177.52		F-0.98	
6	1177.48		F-1.02	

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

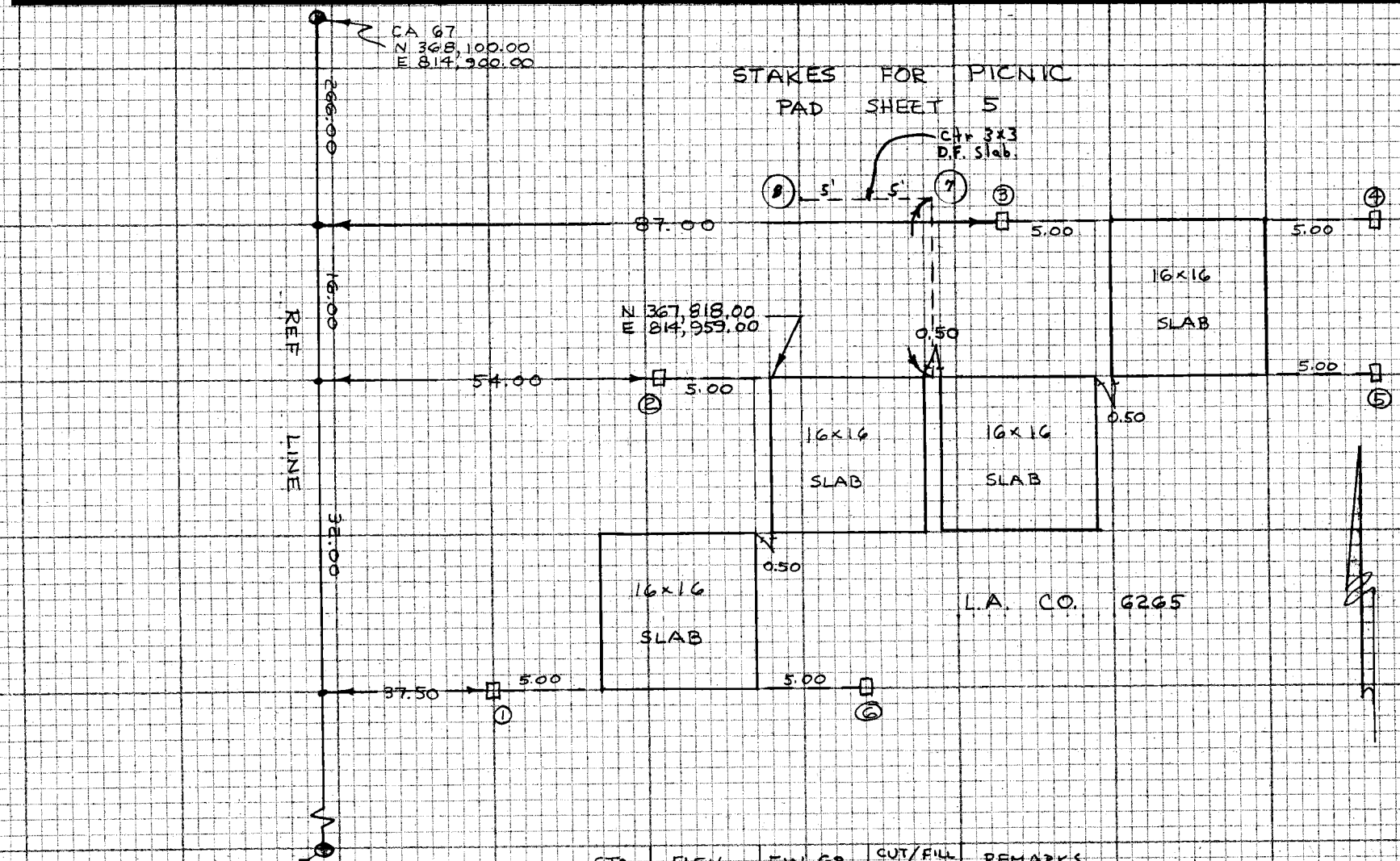
Do not extend notes this side of this line

CENTERLINE NOTES
CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line



STA	ELEV	FIN GR	CUT/FILL TO F.G	REMARKS
B.M.	1185.83	—	—	CA 67
①	1179.06	1180.00	F-0.94	
②	1179.42		F-0.58	
③	1179.66		F-0.34	
④	1179.56		F-0.44	
⑤	1179.56		F-0.44	
⑥	1179.40		F-0.60	
	Elev.	Fin D.F. Slab Grd.	Cut F. Fin Grd.	
⑦	79.74	1179.46	C 0.28	
⑧	79.18	1179.46	F 0.28	

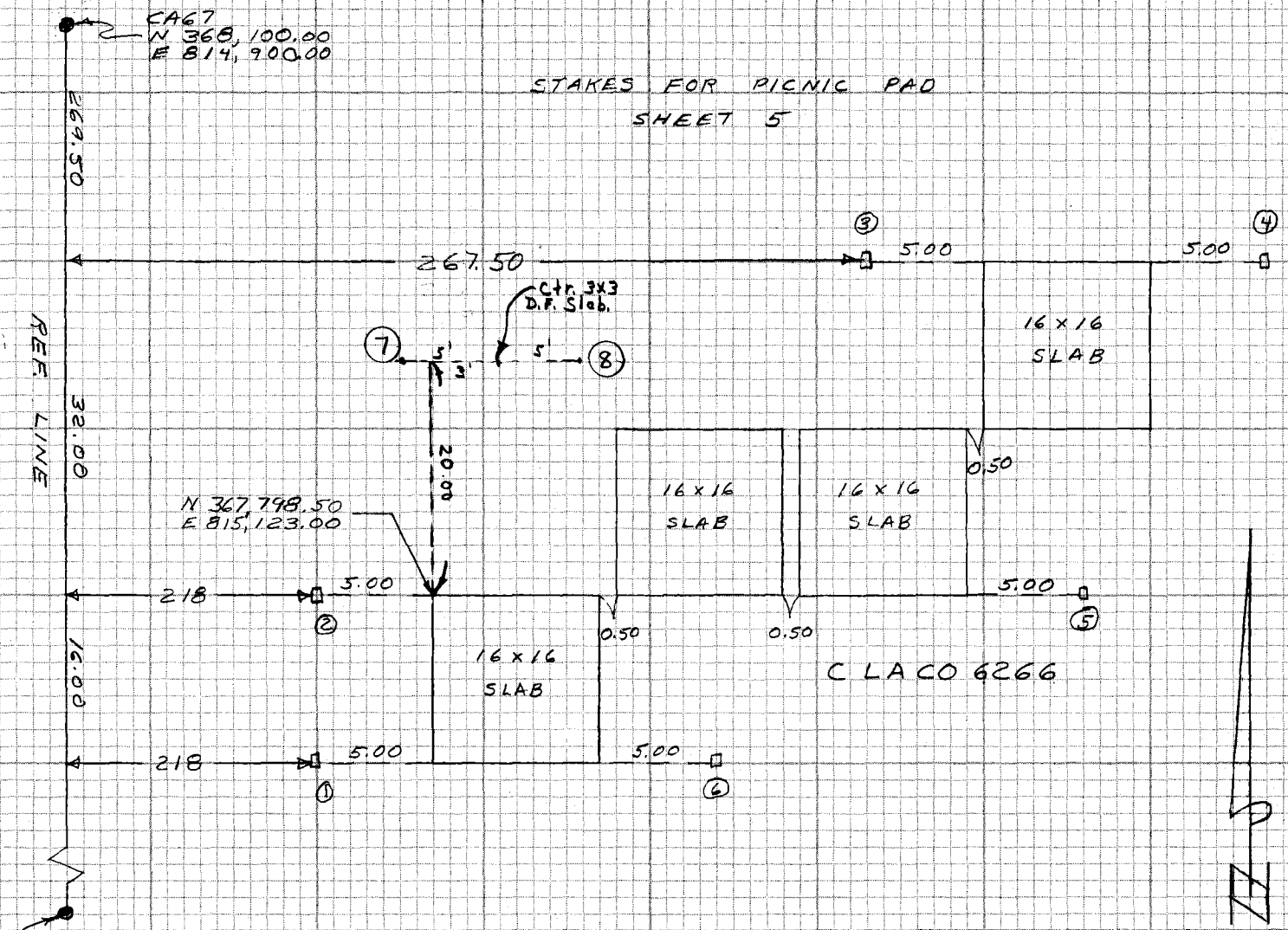
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of CASTAIC LAKE
JN9940.02 Tape 27 Std 84 °F
Surveyed by M.R. NEVAREZ
Notes M.R.N. Date 1-75
Indexed

F.B. 4315 PG. 807

F.B. 4315 PG. 208

STAKES FOR PICNIC PAD
SHEET 5



Sta	Elev.	Fin D.F. Slab Grd.	C or F Fin Grd.
⑦	71.70	1171.54	C 0.16
⑧	71.50	1171.54	F 0.04

STA	ELEV.	FIN.GR.	CUT/FILL TO F.G.	REMARKS
BM	1185.83	—	—	CA 67
①	1171.40	1172.00	F-0.60	
②	1171.55		F-0.45	
③	1171.70		F-0.30	
④	1171.70		F-0.30	
⑤	1171.60		F-0.40	
⑥	1171.34		F-0.66	

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

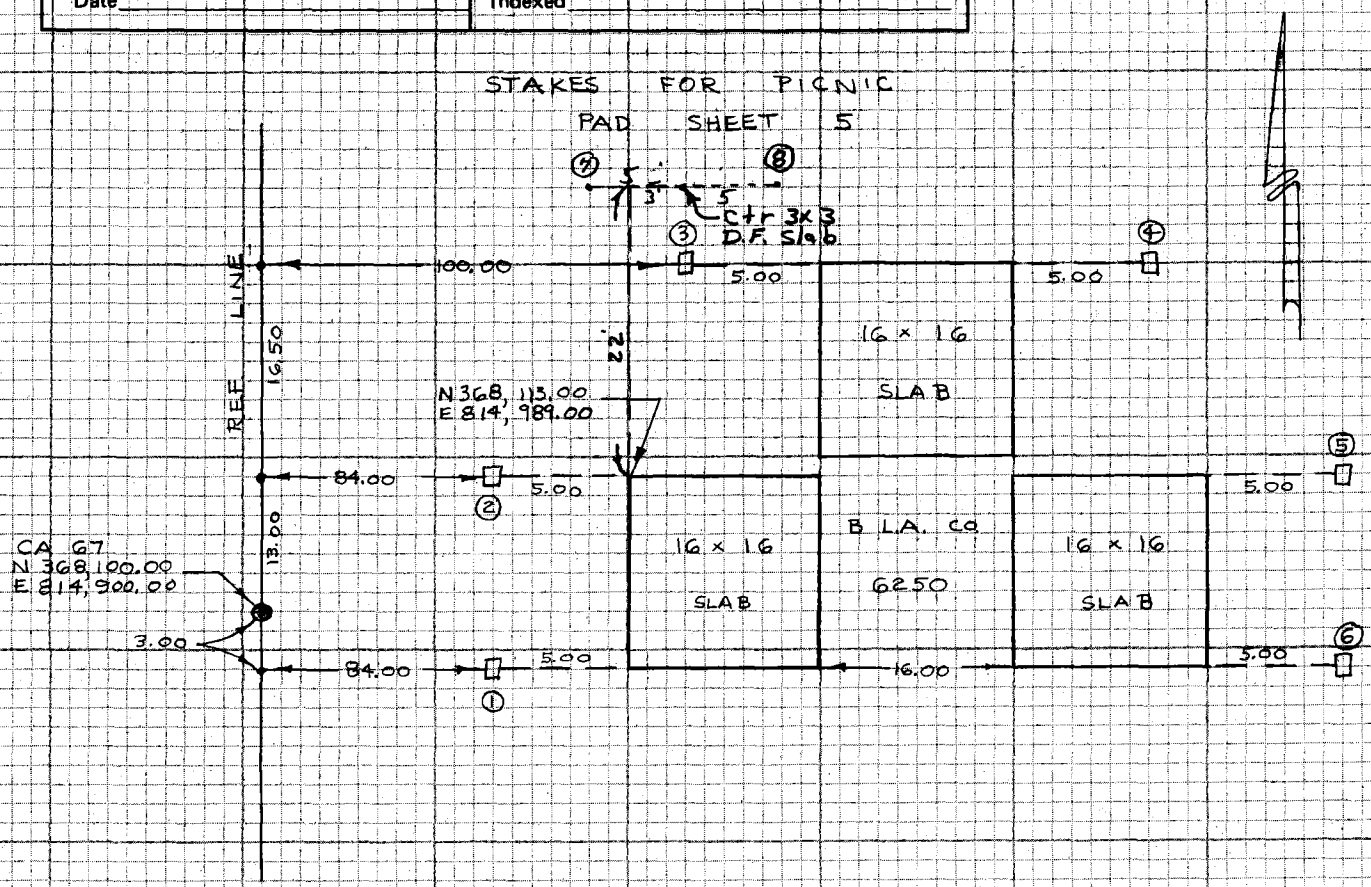
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 99 40.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date 1-75
Date	Indexed

F.B. 4315 PG. 209

STAKES FOR PICNIC PAD SHEET 5



STA	ELEV.	FIN. GR	CUT/FILL TO F.G.	REMARKS
B.M.	1185.83	—	—	CA 67
①	1179.16	1179.80	F-0.64	
②	1179.26		F-0.54	
③	1179.28		F-0.52	
④	1179.30		F-0.50	
⑤	1179.14		F-0.66	
⑥	1179.34		F-0.46	

Sta	Elev.	Fin D.F. Slab Grd.	Cor F. Fin. Grd.
⑦	79.44	1179.34	C 0.10 ✓
⑧	9.35	1179.34	C 0.01 ✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

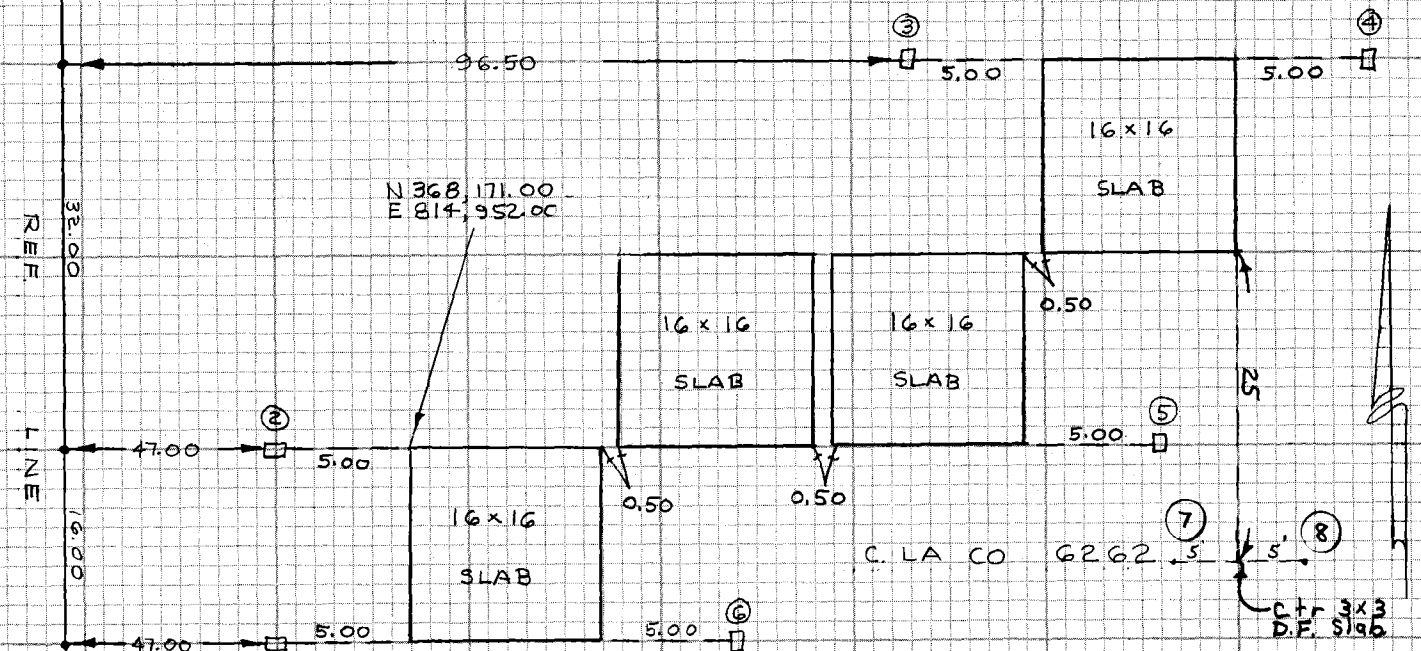
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
408 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 210

STAKES FOR PICNIC
PAD SHEET 5



CA 67
N 368,100.00
E 814,900.00

STA	ELEV.	FIN GR	CUT/FILL TO F.G	REMARKS
BM	1185.83	—	—	CA 67
①	1180.28	1179.80	C-0.48	
②	1180.27		C-0.47	
③	1179.50		F-0.30	
④	1179.54		F-0.26	
⑤	1179.24		F-0.56	
⑥	1179.32		F-0.48	

Sta	Elev.	Fin. D.F. Slab Grd.	C or F. Fin Grd.
⑦	79.05	1179.24	F-0.12
⑧	9.15	1179.24	F-0.09

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

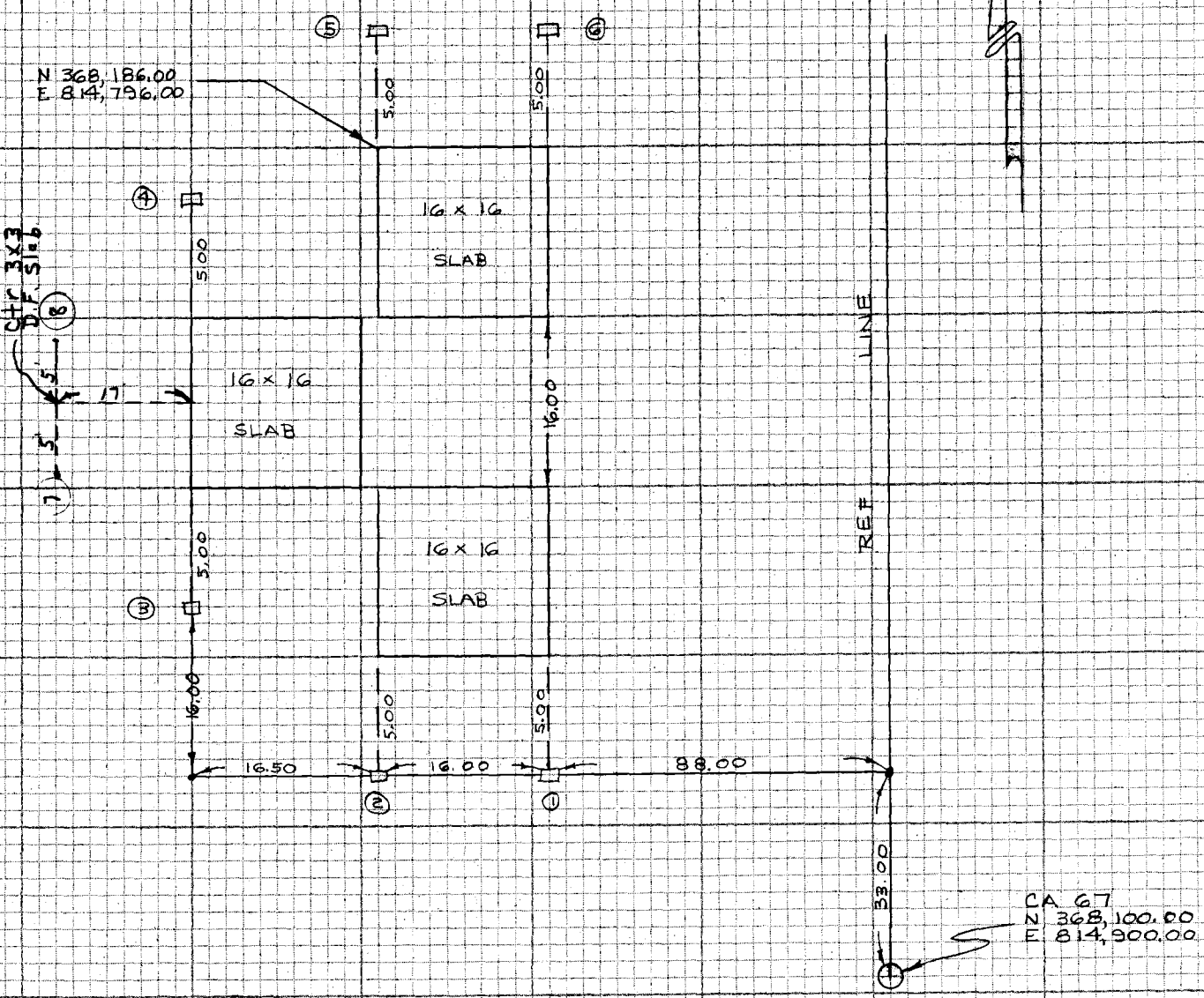
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 99 40.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date 1-75
Date	Indexed

F.B. 4315 PG. 211

STAKES FOR PICNIC PAD - SHEET 5



STA	ELEV	FIN GR	CUT/FILL TO F.G.	REMARKS
B.M.	1185.83	—	—	C.A. 67
1	1187.61	1188.00	F-0.39	
2	1187.62		F-0.38	
3	1187.60		F-0.40	
4	1187.31		F-0.69	
5	1187.70		F-0.30	
6	1187.76		F-0.24	

Sta.	Elev	Fin D.F. Slab Grd.	Corr. Fin Grd
7	88.43	1188.00	C-0.43
8	88.79	1188.00	C-0.79

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

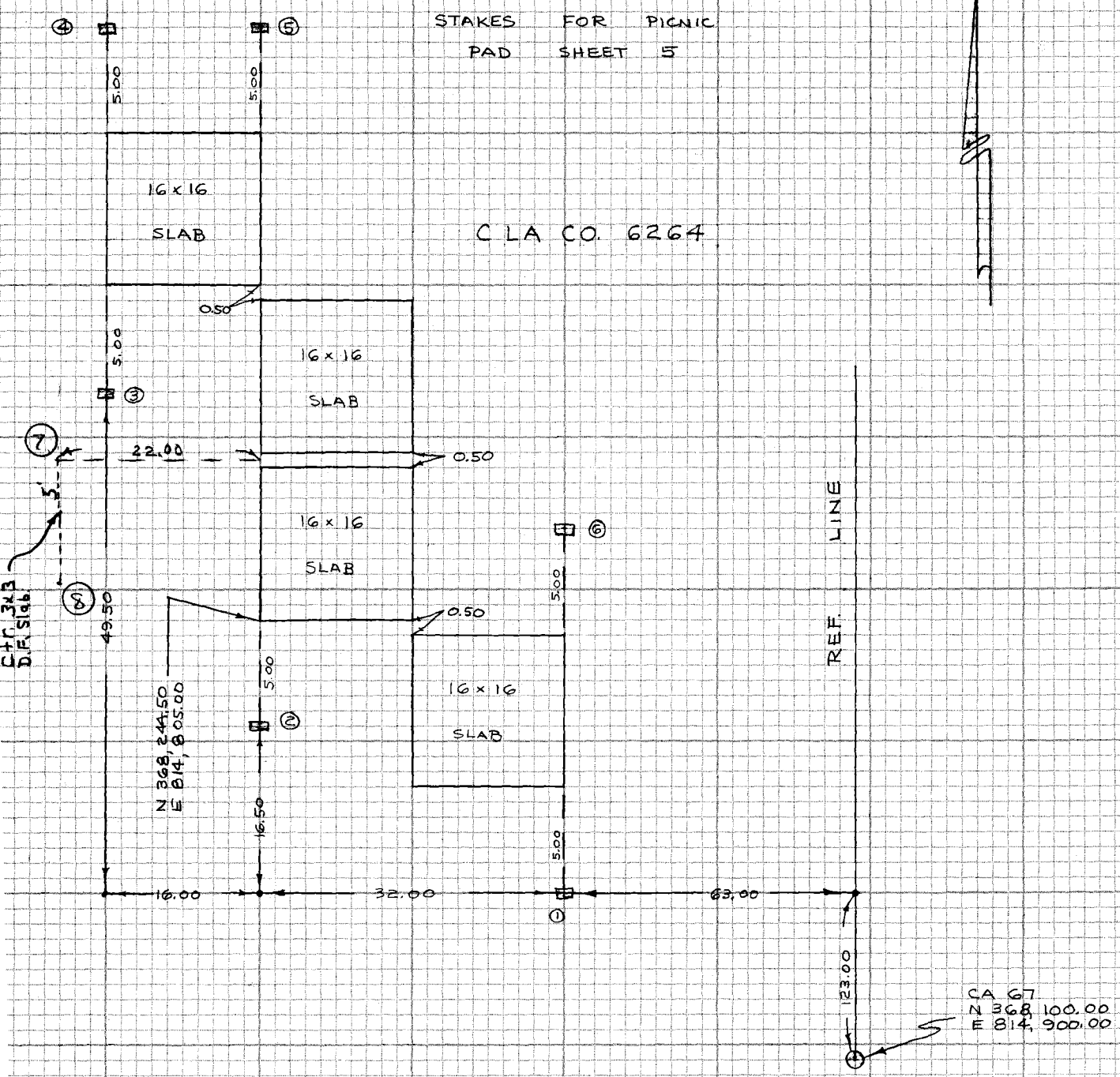
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 212

STAKES FOR PICNIC PAD SHEET 5



STA	ELEV	FIN GR	CUT/FILL TO F.G	REMARKS
BM	1185.83			C.A. 67
①	1186.93	1187.30 ~~1187.00~~	F-0.07	
②	1187.00		GR	
③	1187.05		C-0.05	
④	1187.46		C-0.46	ON SLOPE
⑤	1187.01		C-0.01	
⑥	1187.01		C-0.01	

Sta	Elev.	Fin. D.F. Slab. Grd.	C or F. Fin Grd.
⑦	87.40	87.08	F-0.32
⑧	87.40	87.08	F-0.32

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

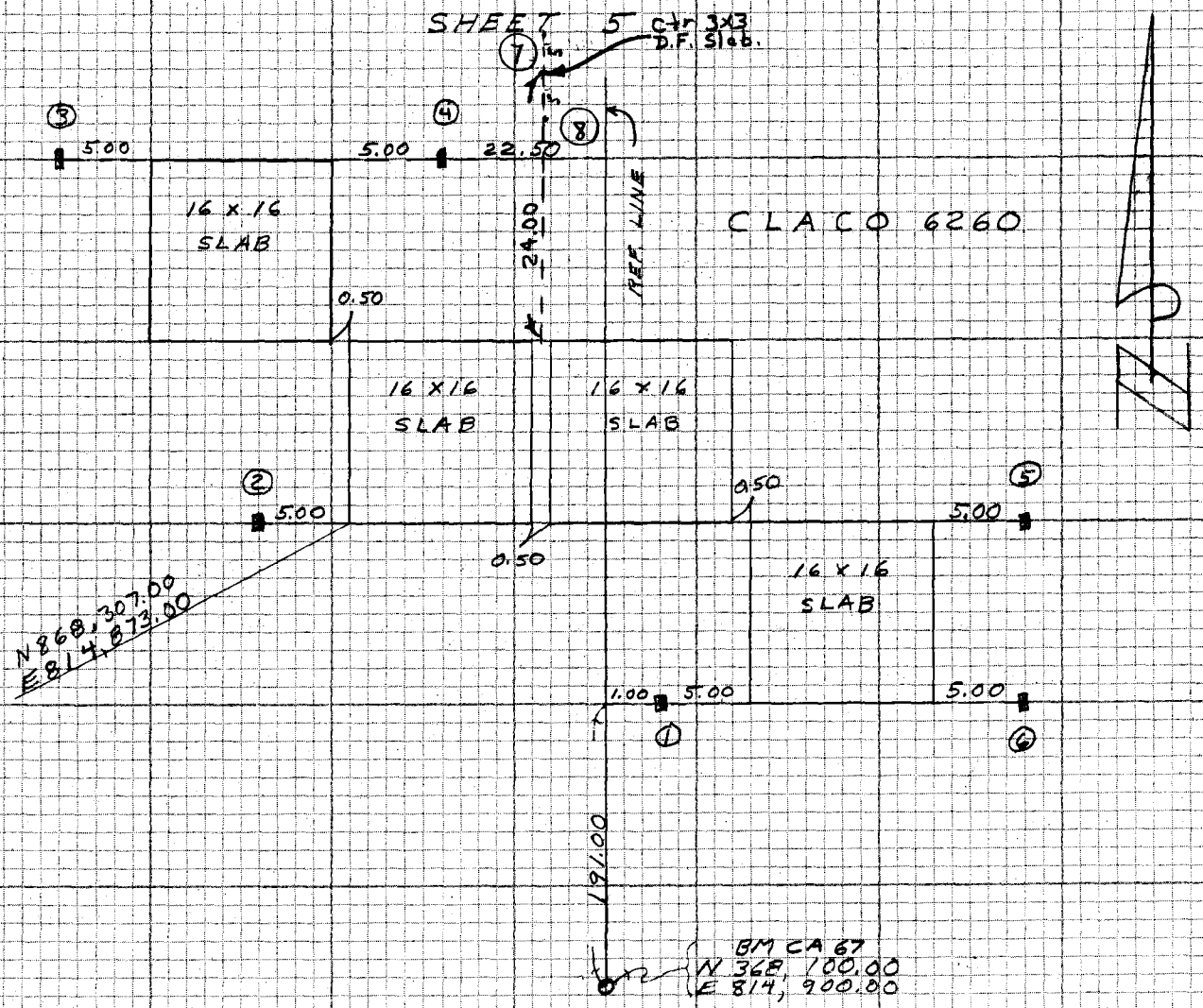
Do not ex[illegible] notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE — F.B. 4315 PG. 213
Map No.	JN 99 40.02 Tape 27 Std 84 °F
Office Work	Surveyed by M. R. NEVAREZ
Checked	Notes R.M.C. Date 1-75
Date	Indexed

STAKES FOR PICNIC PAD

SHEET 5



STA	ELEV.	FIN. G.R.	CUT/FILL TO FG.	REMARKS
BM	1185.83	———	———	CA 68
1	1187.08	1187.00	C-0.08	
2	1187.04		C-0.04	
3	1187.15		C-0.15	
4	1186.15		F-0.85	
5	1186.73		F-0.27	
6	1186.84		F-0.16	

Sta	Elev	Fin D.F. Slab Grd	Cor F. Fin Slab
7	87.34	1187.40	F 0.06
8	87.18	1187.40	F 0.22

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

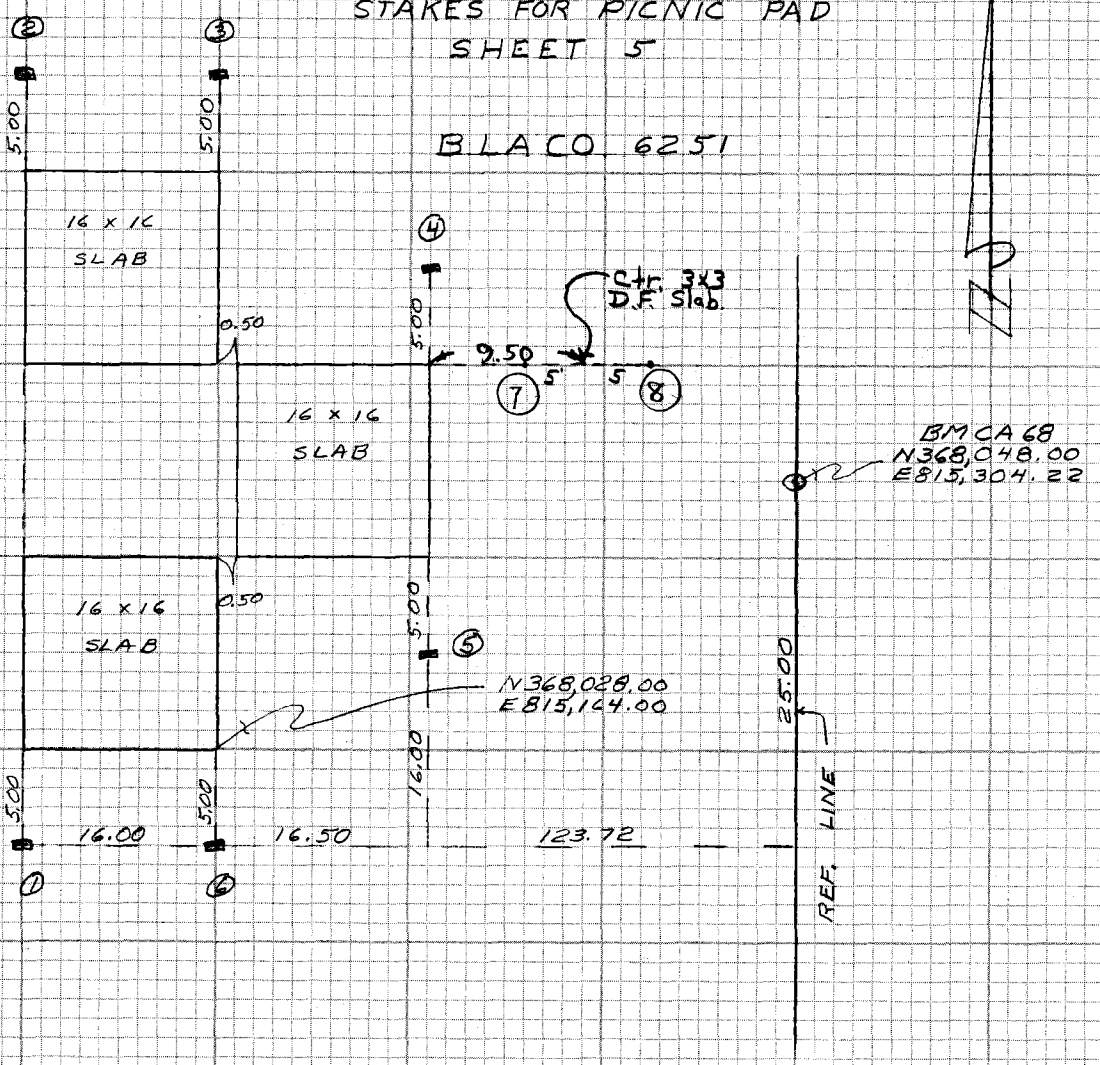
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 214

STAKES FOR PICNIC PAD
SHEET 5

BLACO 6251



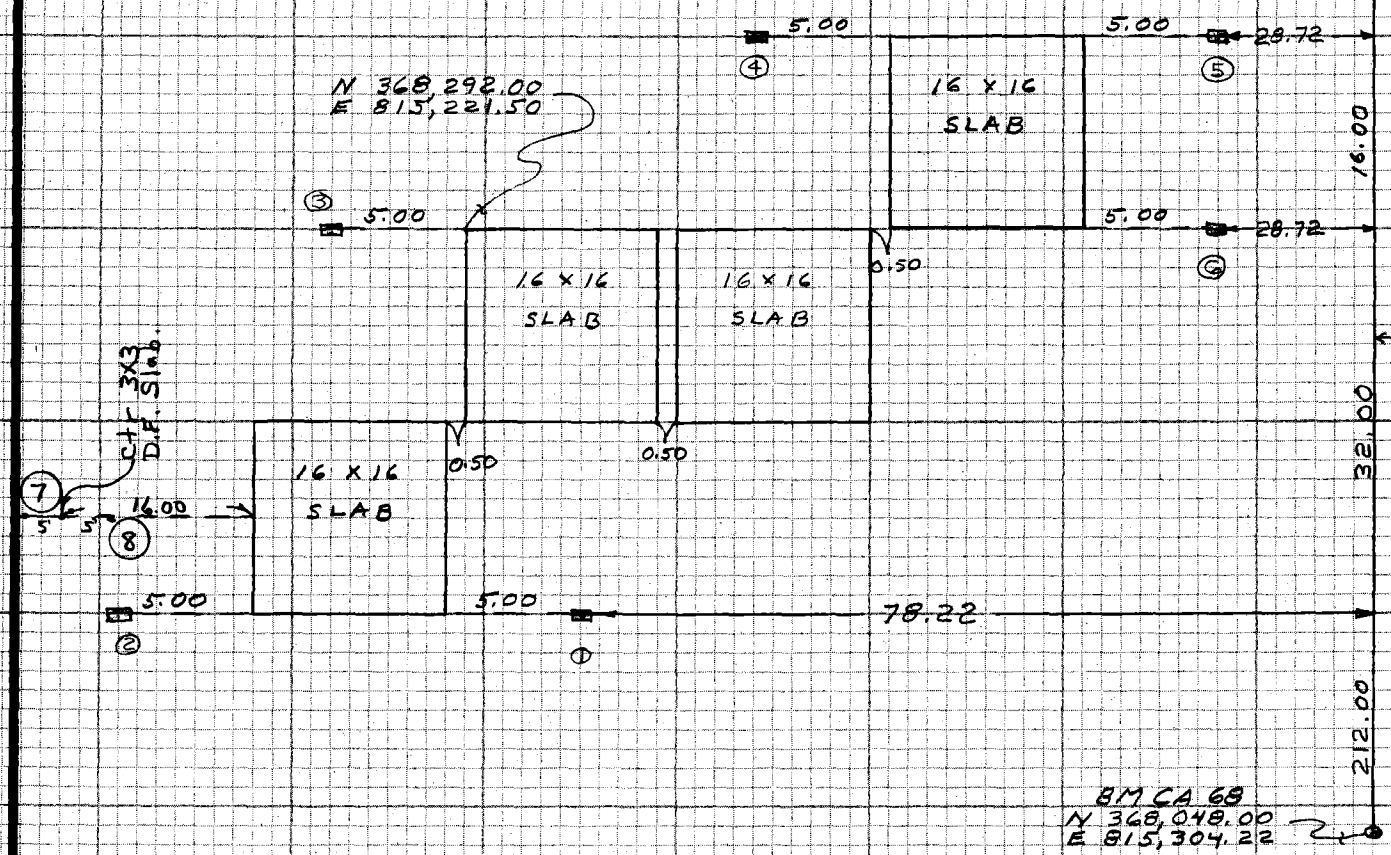
STA	ELEV.	FIN. GR.	CUT/FILL TO AG.	REMARKS
BM	1180.85	—	—	CA 68
1	1176.44	1176.00	C-0.44	ON SLOPE
2	1176.60		C-0.60	"
3	1176.32		C-0.32	"
4	1175.65		F-0.35	
5	1175.33		F-0.67	
6	1176.20		C-0.20	ON SLOPE

Sta.	Elev	Fin D.F. Slab Grd	Cor F. Fin Grd
7	5.52	1175.54	F 0.02
8	545	1175.54	F 0.09

76F 3095-4/73
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not exte notes this side of this line
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE F.B. 4315 PG. 215
Map No.	JN 9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M. R. NEVAREZ
Checked	Notes R.M.C. Date
Date	Indexed

STAKES FOR PICNIC PAD
SHEET 5
CLACO 6261



STA	ELEV.	FIN. GR.	CUT/FILL TO FG	REMARKS
BM	1180.85	—	—	CA 68
292 ①	1182.91	1183.00	F-0.09	
294 ②	1182.94		F 0.06	P.L.B.
270 ③	1182.71		F-0.29	
290 ④	1182.88		F-0.12	
430 ⑤	1184.29		C-1.29	ON SLOPE
346 ⑥	1183.45		C-0.45	ON SLOPE
	Elev.	Fin. D.F. Slab Grd.	C or F. Fin Grd.	
⑦	83.52	1182.37	C - 1.15	
⑧	82.87	1182.37	C - 0.50	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

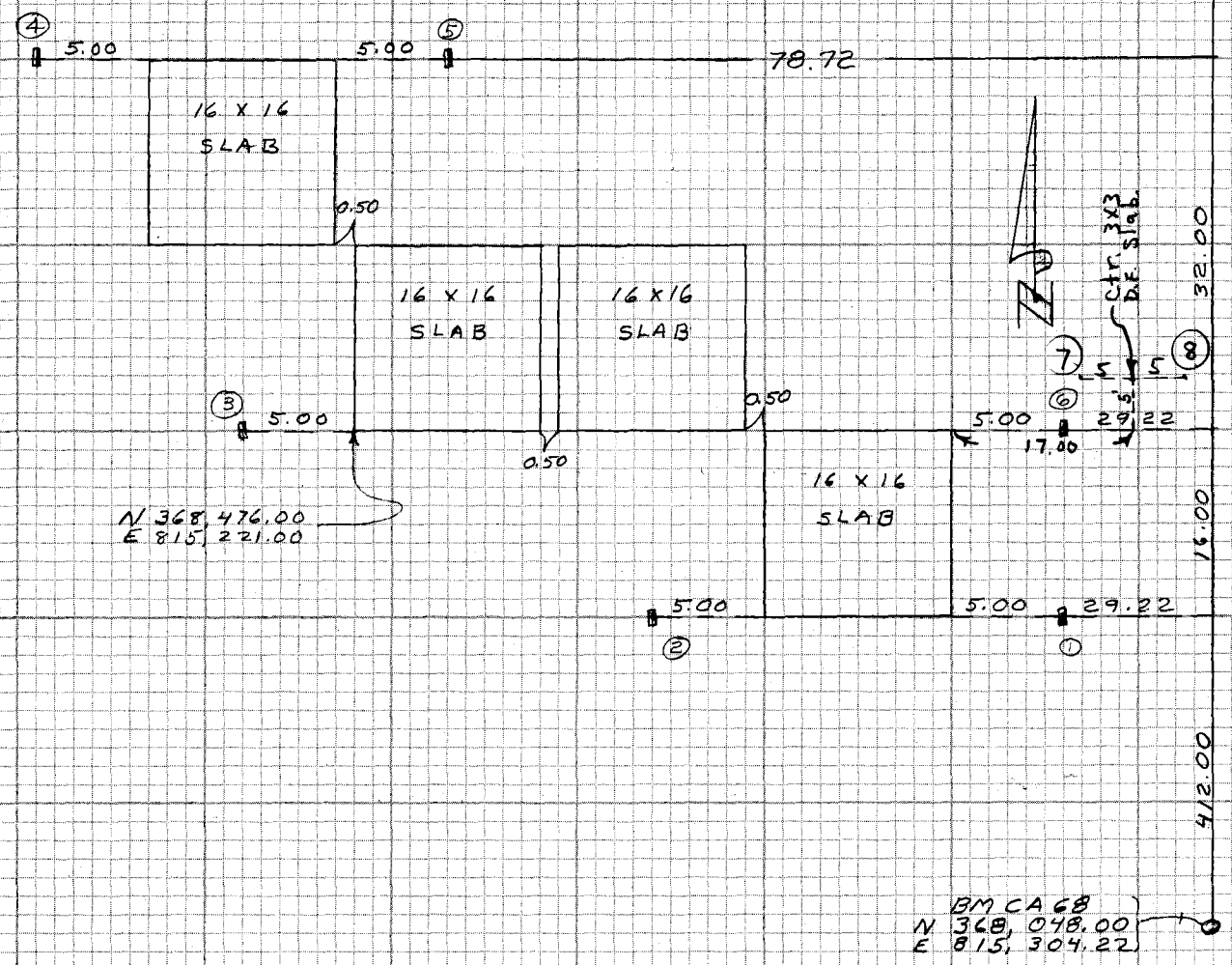
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 216

STAKES FOR PICNIC PAD
SHEET 5
CLACO 6259



STA	ELEV.	FIN. GR.	CUT/FILL TO FG	REMARKS
BM	1184.19	———	———	CA 12
①	1182.92	1183.30	F - 0.38	
②	1182.92		F - 0.38	
③	1182.79		F - 0.51	
④	1182.96		F - 0.34	
⑤	1182.72		F - 0.58	
⑥	1183.13		F - 0.17	UP 0.20 ABOVE GND.
	Elev.	Fin. D.F. Slab. Grd.	Cor F. Fin Grd.	
⑦	82.98	1182.84	C 0.14	
⑧	82.92	1182.84	C 0.08	

CE 310
76F 3095-4/73

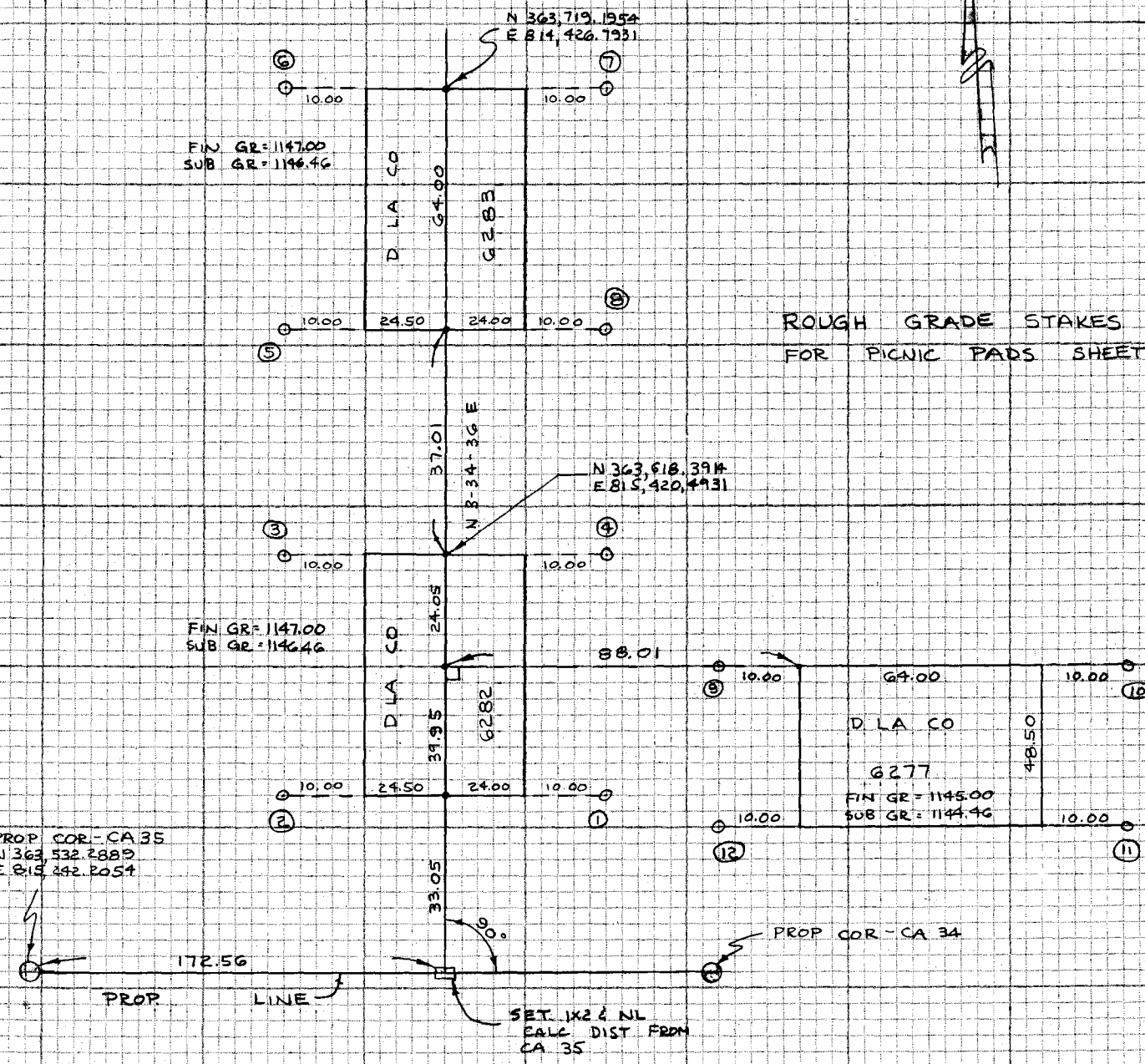
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date JAN 75
Date	Indexed

F.B. 4315 PG. 217



STA	ELEV	SUB GR	CUT/FILL TO S.G	REMARKS
B.M	1144.80	—	—	CA-34
1	1145.69	1146.46	F-0 77	
2	1147.08		C-0 62	
3	1147.61		C-1 15	
4	1145.76		F-0 70	
5	1147.90		C-1 44	
6	1147.53		C-1 07	
7	1145.93		F-0 53	
8	1145.53		F-0 93	

STA	ELEV	SUB GR	CUT/FILL TO S.G.	REMARKS
B.M.	1144.80	—	—	CA 34
9	1144.80	1144.46	C-0 34	
10	1143.85		F-0 61	
11	1143.04		F-1 42	
12	1144.56		C-0 10	

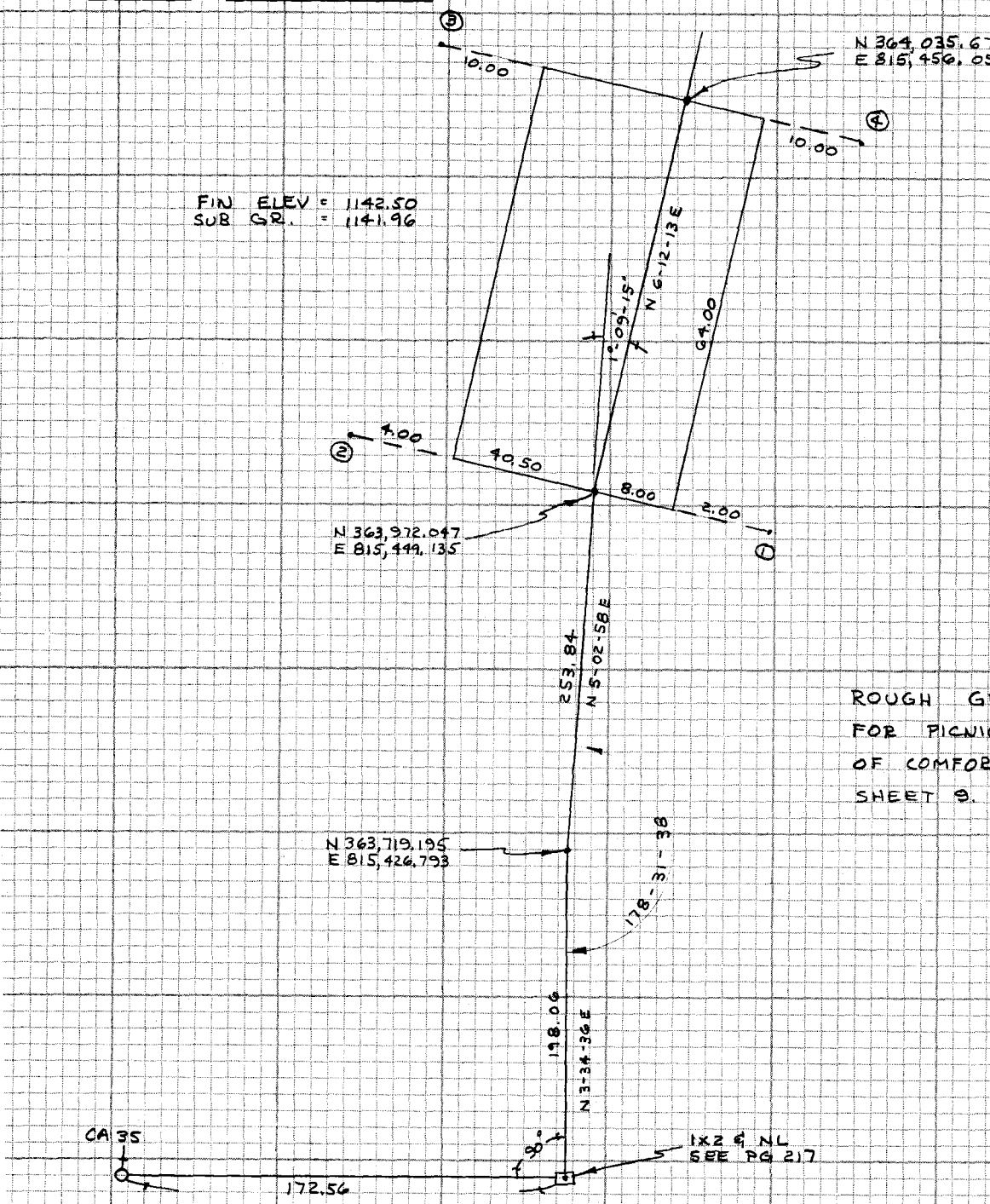
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 218



ROUGH GRADE STAKES FOR PICNIC PAD SOUTH OF COMFORT STA. # 6 SHEET 9.

STA	ELEV	SUB GR	CUT/FILL TO S.G.	REMARKS
B.M.				
①	1141.65	1141.96	F-0 31	
②	1145.10		C-3 14	
③	1145.24		C-3 28	
④	1138.53		F-3 43	

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

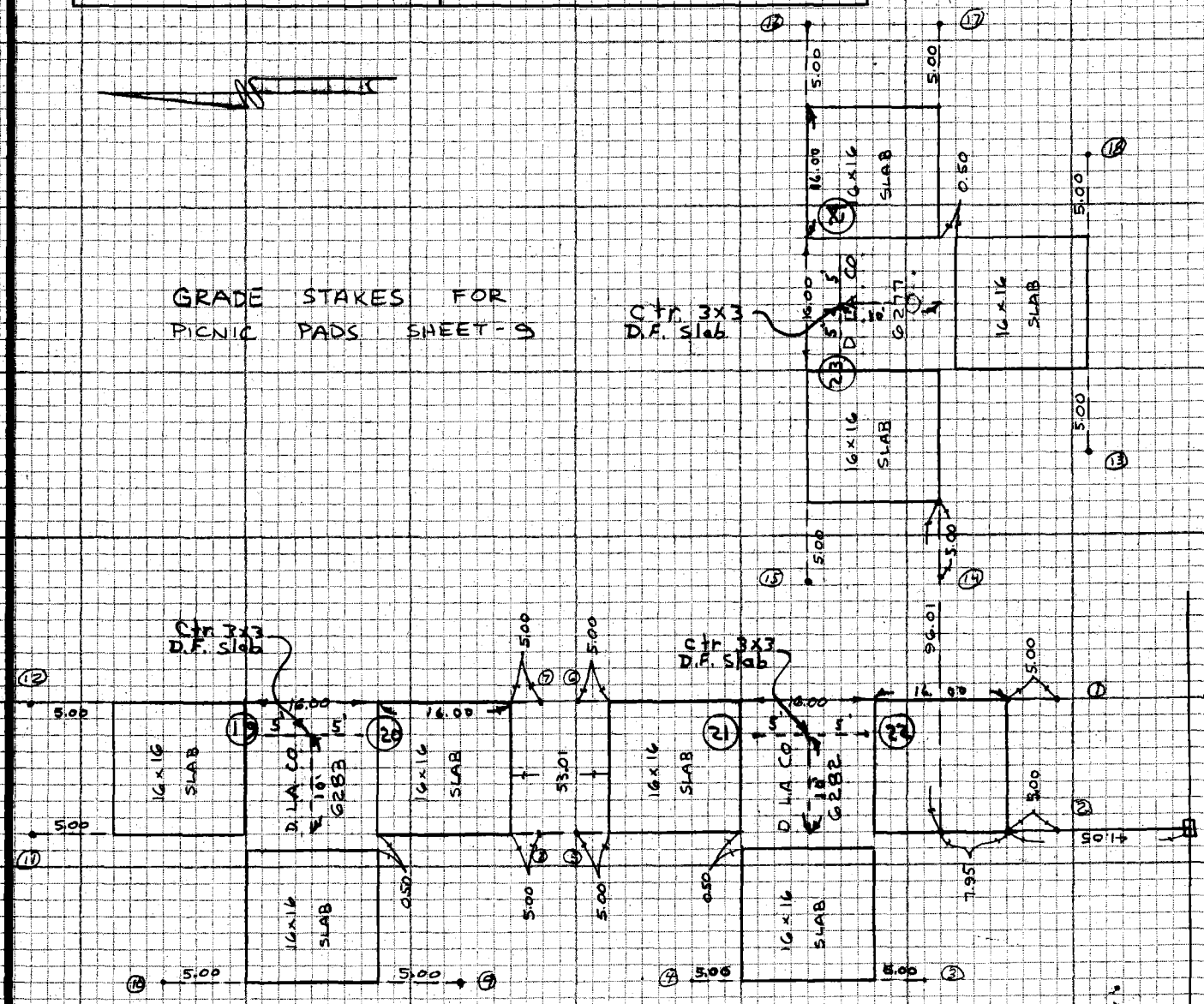
Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE F.B. 4315 PG 219
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N Date JAN 75
Date	Indexed

7 of 1

GRADE STAKES FOR
PICNIC PADS SHEET-9



STA	ELEV.	FIN. GR.	CUT/FILL TO F.G.	REMARKS
BM	1144.80	—	—	CA-34
1	1146.52	1147.00	F-0.48	
2	1146.50		F-0.50	
3	1146.55		F-0.45	
4	1146.46		F-0.54	
5	1146.48		F-0.52	
6	1146.69		F-0.31	
7	1146.54		F-0.46	
8	1146.43		F-0.57	
9	1146.42		F-0.58	
10	1146.43		F-0.57	
11	1146.52		F-0.48	
12	1146.52		F-0.48	

STA	ELEV	FIN. GR.	CUT/FILL TO F.G.	REMARKS
BM	1144.80	—	—	CA-34
13	1144.45	1145.00	F-0.55	
14	1144.52		F-0.48	
15	1144.45		F-0.55	
16	1144.75		F-0.25	
17	1144.59		F-0.41	
18	1144.62		F-0.38	

Sta	Elev.	Fin. D.F. Slab Grd.	Cut or F. Fin Grd.
19	1146.58	1146.75	F-0.17
20	1146.62	1146.75	F-0.13
21	1146.55	1146.75	F-0.20
22	1146.65	1146.75	F-0.10
23	1144.60	1144.75	F-0.15
24	1144.63	1144.75	F-0.12

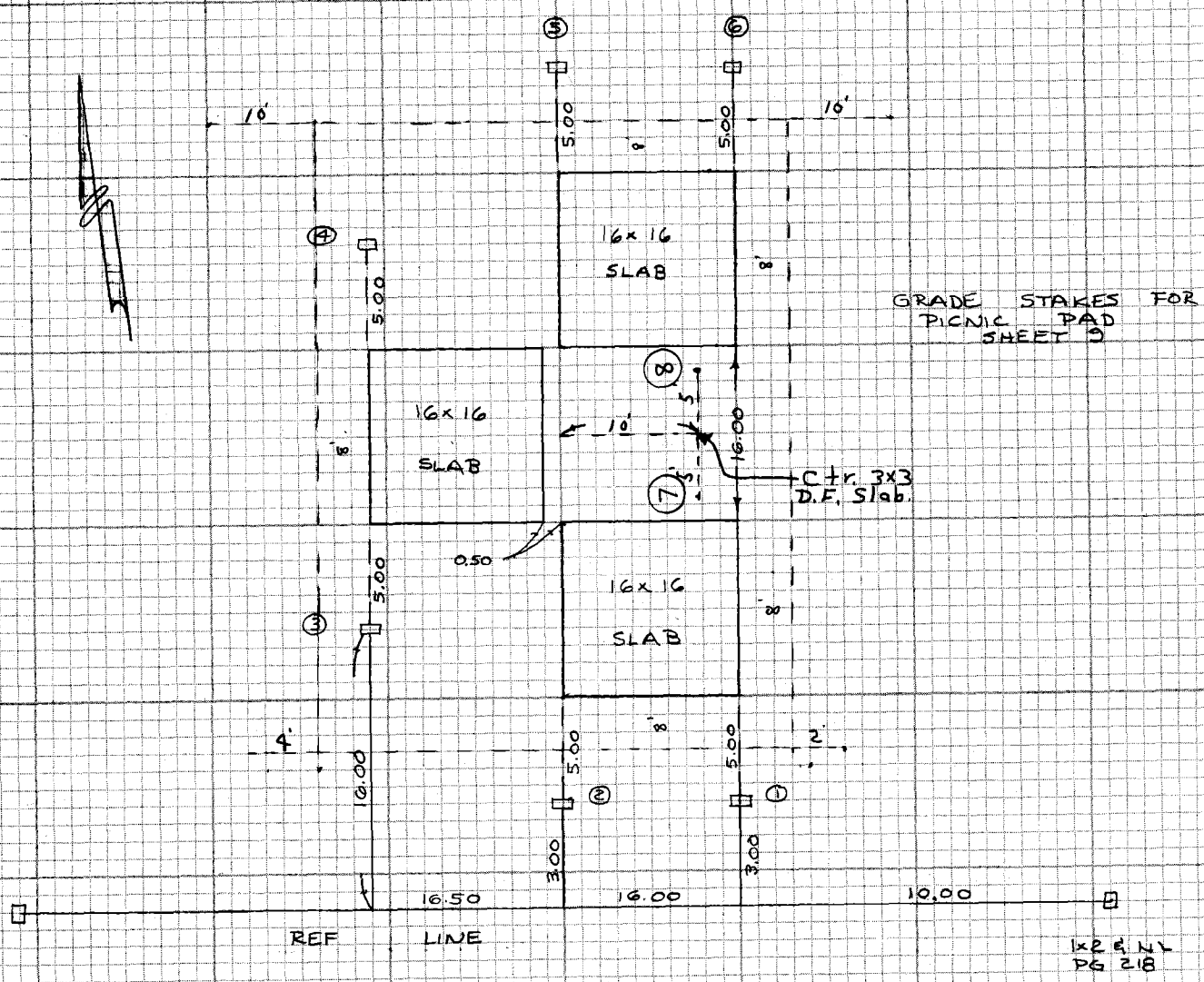
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 220



STA	ELEV	FIN GR	CUT/FILL TO F.G.	REMARKS
B.M.				CA
1	1142.57	1142.50	C-0.07	-
2	1142.71		C-0.21	-
3	1142.46		F-0.04	-
4	1141.86		F-0.64	-
5	1141.78		F-0.72	-
6	1141.76	1142.50	F-0.74	-

Sta	Elev.	Fin. D.F. Slab Grd.	C or F. Fin. Grd.	
7	1142.05	1142.25	F-0.20	-
8	1141.94	1142.25	F-0.31	-

CE 310
76f 3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

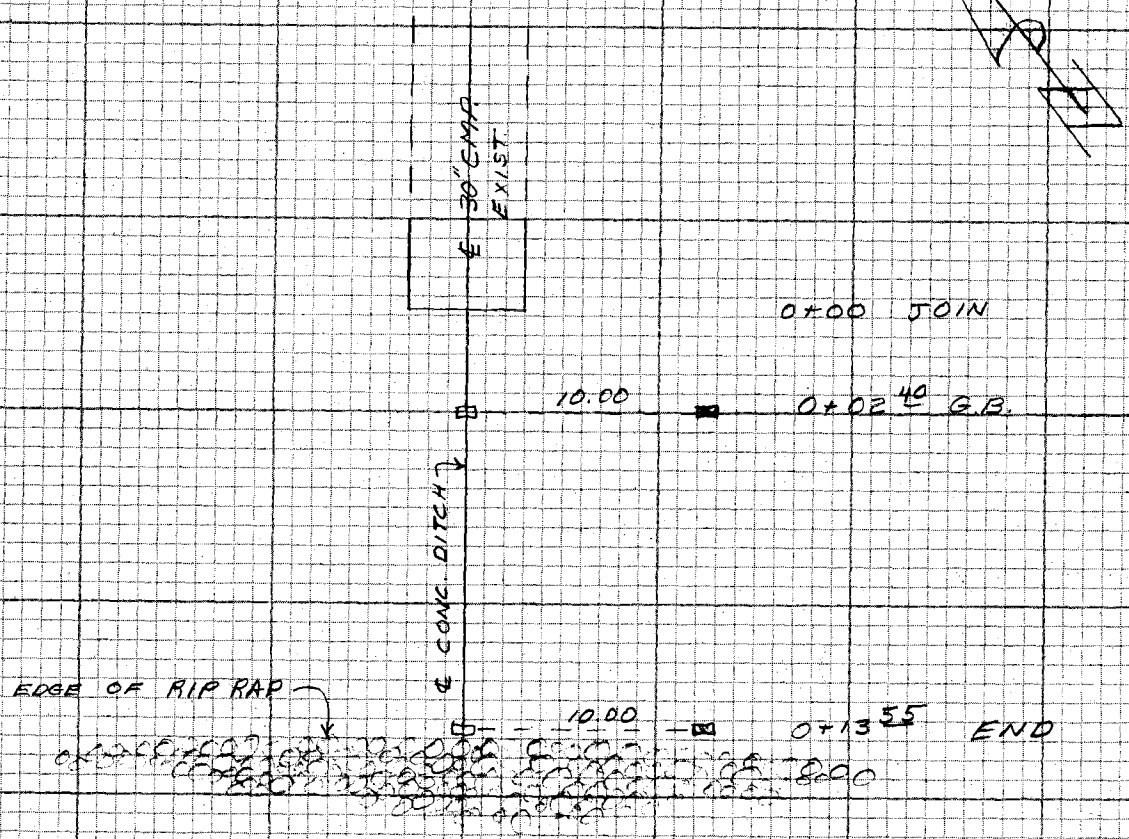
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape 27 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes R.M.C. Date 1-75
Date	Indexed

F.B. 4315 PG. 221

OFFSET STAKES FOR CONC.
DRAINAGE DITCH
SHEET 5



STA	ELEV.	MIN. GR.	CUT/FILL TO F.G.	REMARKS
BM	1184.19	—	—	CA 12
0+00	1183.52	1183.52	—	
0+02 40	1184.50	1183.15	C-1 35	10' 9/5
0+13 55	1190.29	1190.00	C-0 29	10' 9/5

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 222

CE 310
76F3095-4-73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE — F.B. 4315 PG. ~~203~~ 223
Map No.	JN ~~9940.02~~ Tape 14 Std 84 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R.N. Date OCT 74
Date	Indexed

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

CASTAIC LAKE

LOCATION OF SEWER LATERALS TO PICNIC PADS & BLDGS (west side)

PICNIC PADS 6269, 6271 (SHEET #8)	~~216~~	224
COMFORT STA #7 6183 FUTURE CON. BLDG 6182	~~210~~	225
PICNIC PADS 6282, 6283, 6277 (SHEET 9)	~~211~~	225
PICNIC PAD 6254 (SHEET 7)	~~213~~	227
COMFORT STATION #6 (6187 SHEET 9)	~~214~~	228
PICNIC PAD 6255	~~215~~	229
COMFORT STATION #8 (6197 SHEET 8)	~~216~~	230
FUTURE CONC. BLDG 6180 (SHEET 7)	217	231
COMFORT STATIONS 6195 & 6196 (SHEET 7 & 8)	~~218~~	232
PICNIC AREA 6268 & FUT. CON. BLDG 6181 (SHEET 6)	~~219~~	233
PICNIC PADS 6252 & 6253 (SHEET 6)	~~220~~	234
COMFORT STATION 6190 (SHEET 6)	~~221~~	235
PICNIC PAD 6265 (SHEET 5)	~~222~~	235
FUTURE CONCESSION BLDG 6183 (SHEET 5)	~~222~~	236
PICNIC PAD 6251 (SHEET 5)	~~223~~	236
PICNIC PADS 6250, 6262, 6264 (SHEET 5)	~~223~~	237
COMFORT STA. 6189, PICNIC PADS 6261, 6260 (SHEET 5)	~~224~~	238

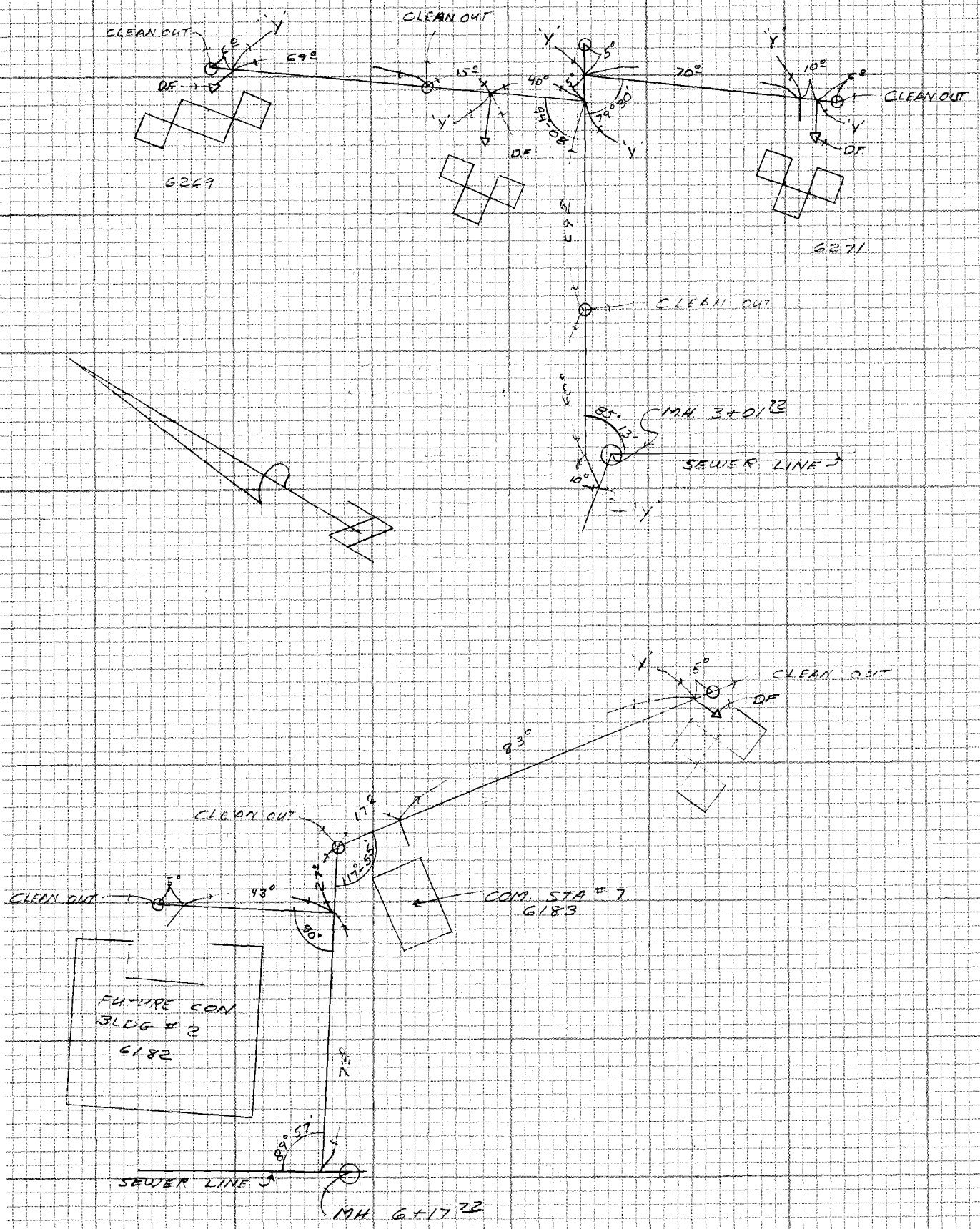
J.N. 9940.02

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 9315 PG. 334

SEWER LATERALS FROM MAIN LINE
TO THREE PICNIC AREAS



CE 310
76F 3095-4/73

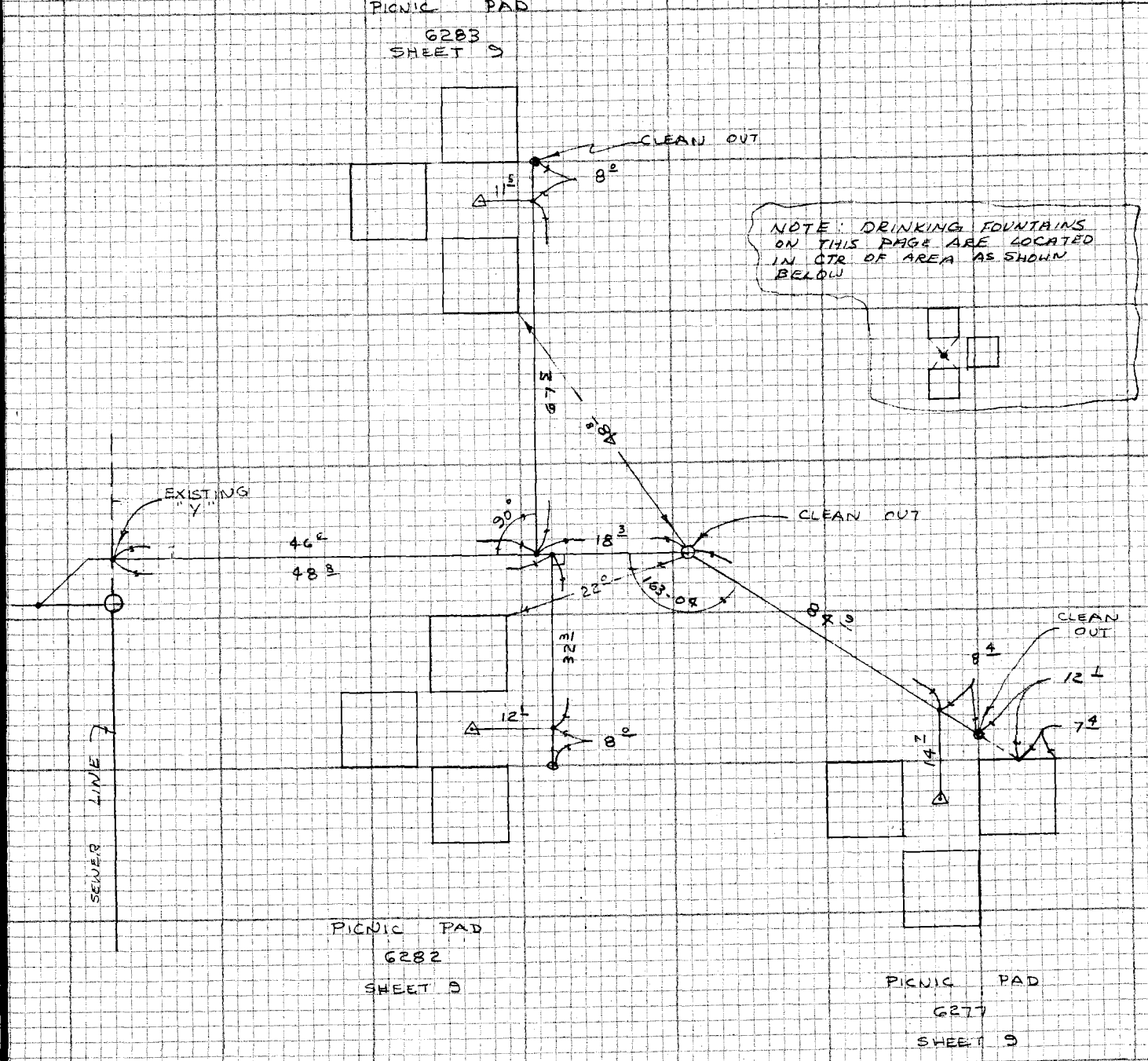
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not enter notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape 14 Std 84 °F
Office Work	Surveyed by MR. NEVAREZ
Checked	Notes MRN Date OCT 74
Date	Indexed

F.B. 4315 PG. 225 ~~214~~



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. ~~212~~ 226

CE 310
76F3095-4/73

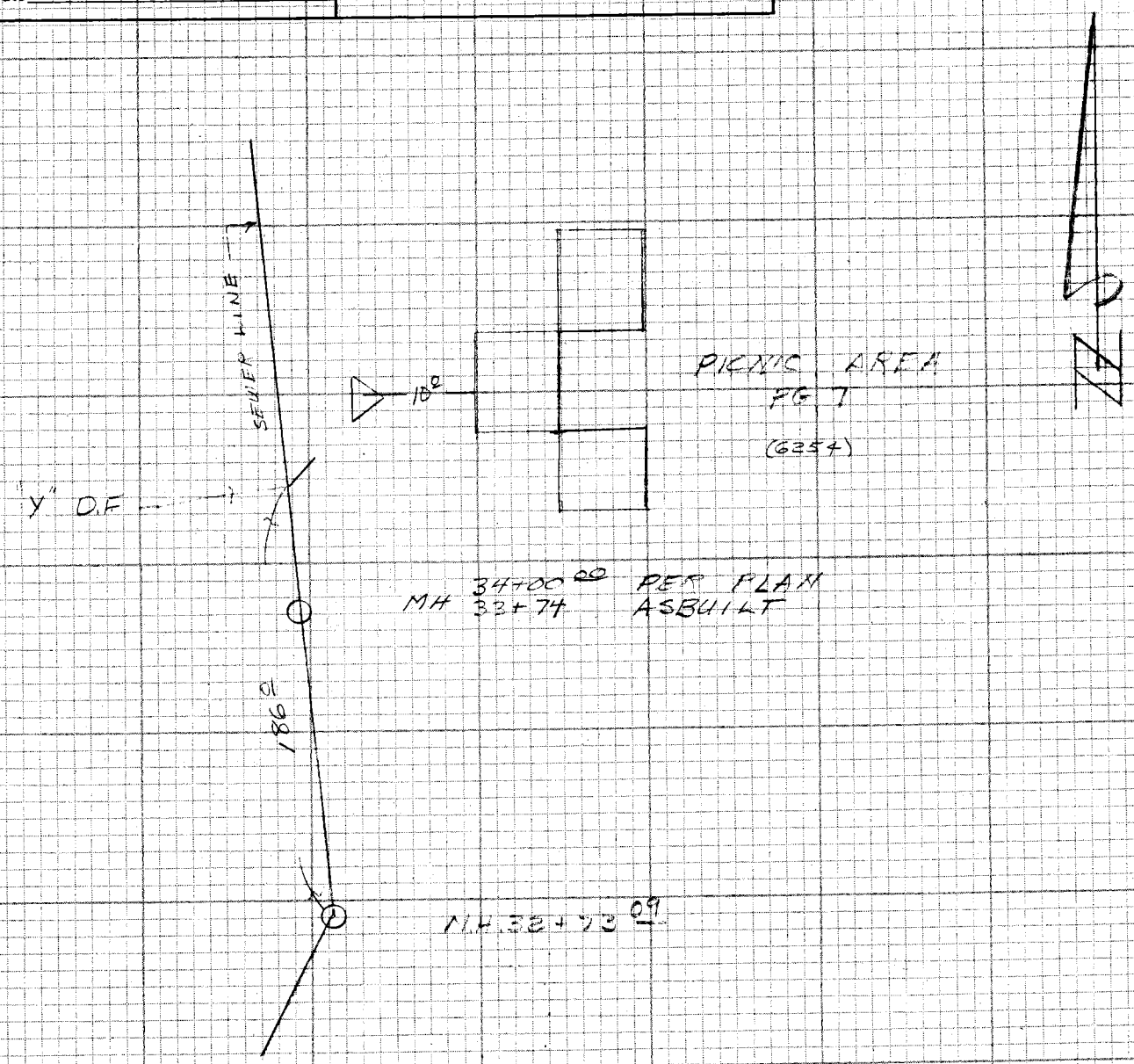
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape #14 Std 84° °F
Office Work	Surveyed by R.M. COCKERHAM
Checked	Notes R.M.C. Date OCT 74
Date	Indexed

F.B. 4315 PG 227



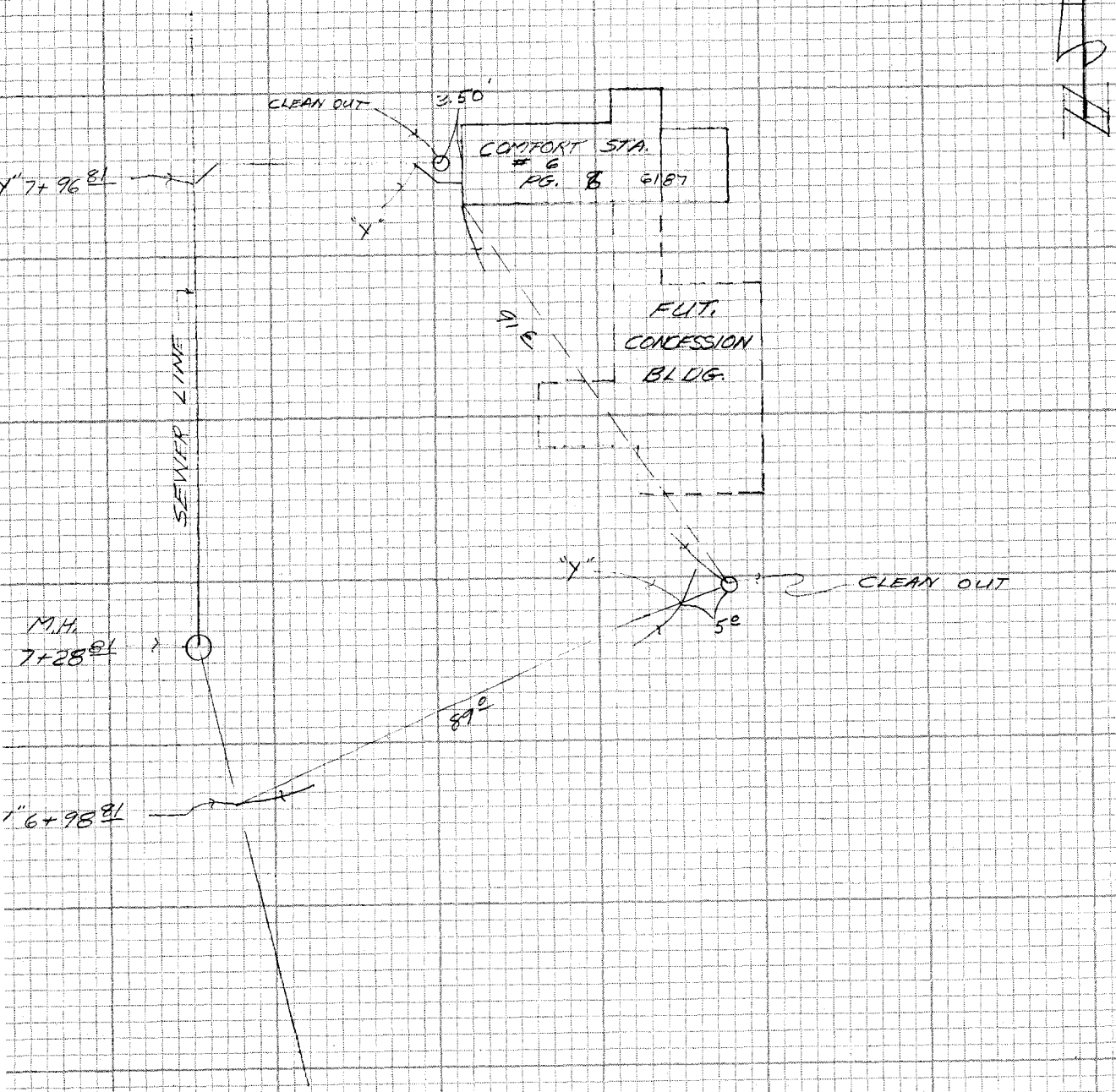
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. ~~214~~ 228



CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

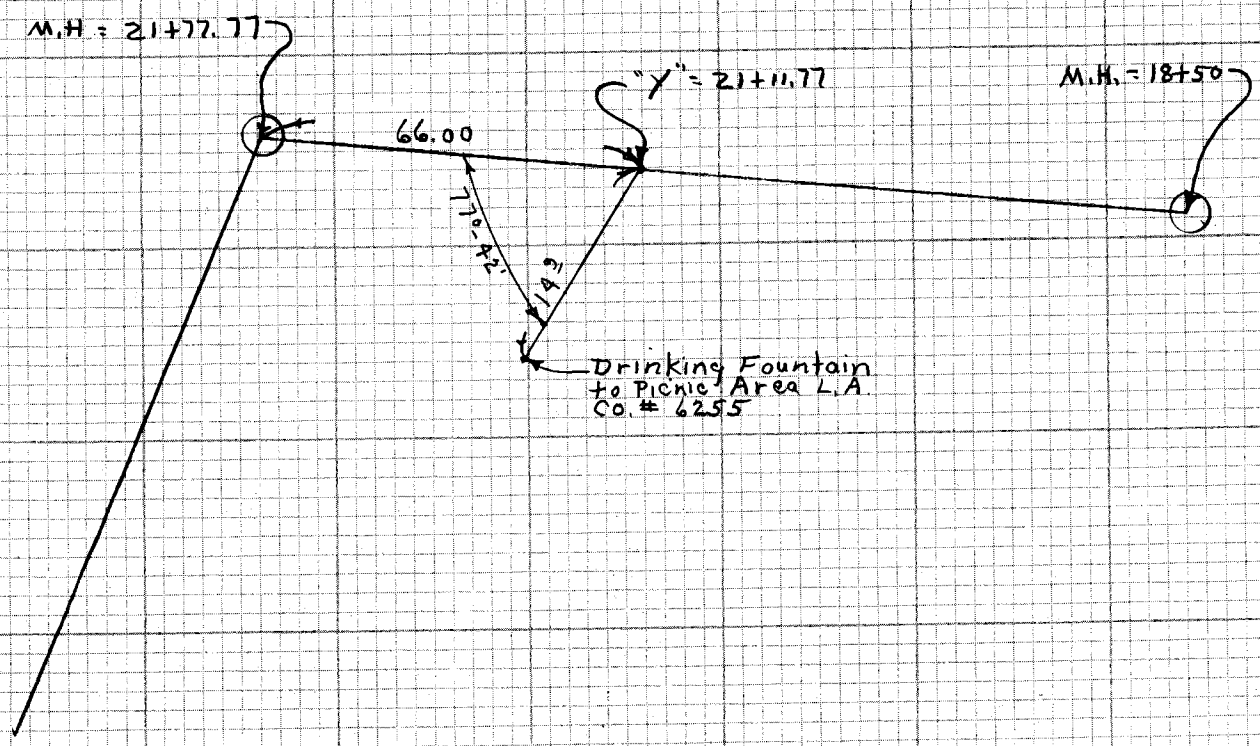
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES
ON THIS SHEET MUST BE MADE OR
CIRCLED IN RED INK WITH DATE AND
NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 10-4-74
Date	Indexed

F.B. 4315 PG. 229

Lateral to Picnic Area LA Co. #6255



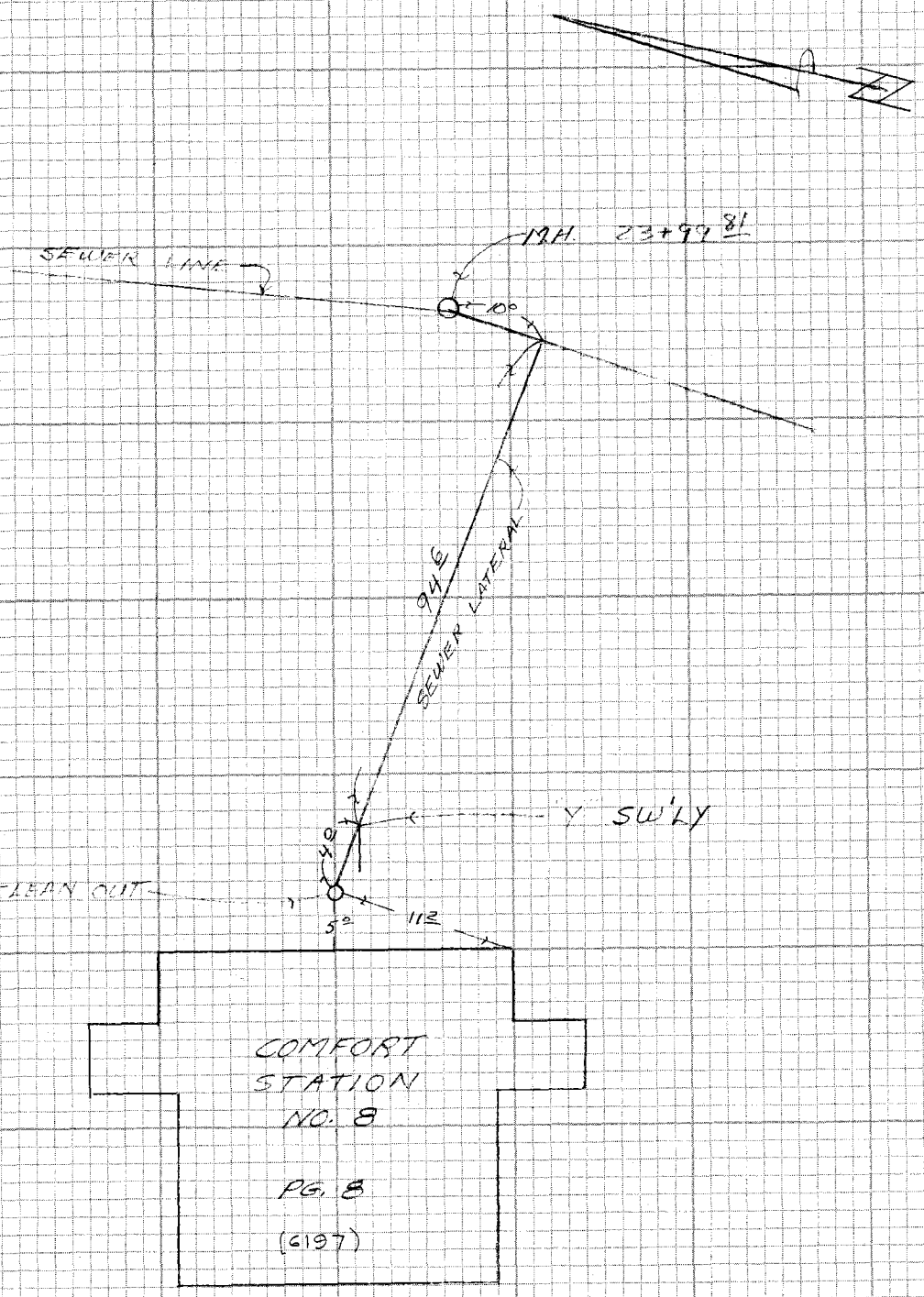
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 230 ~~216~~



CE 310
76F3095-4/73

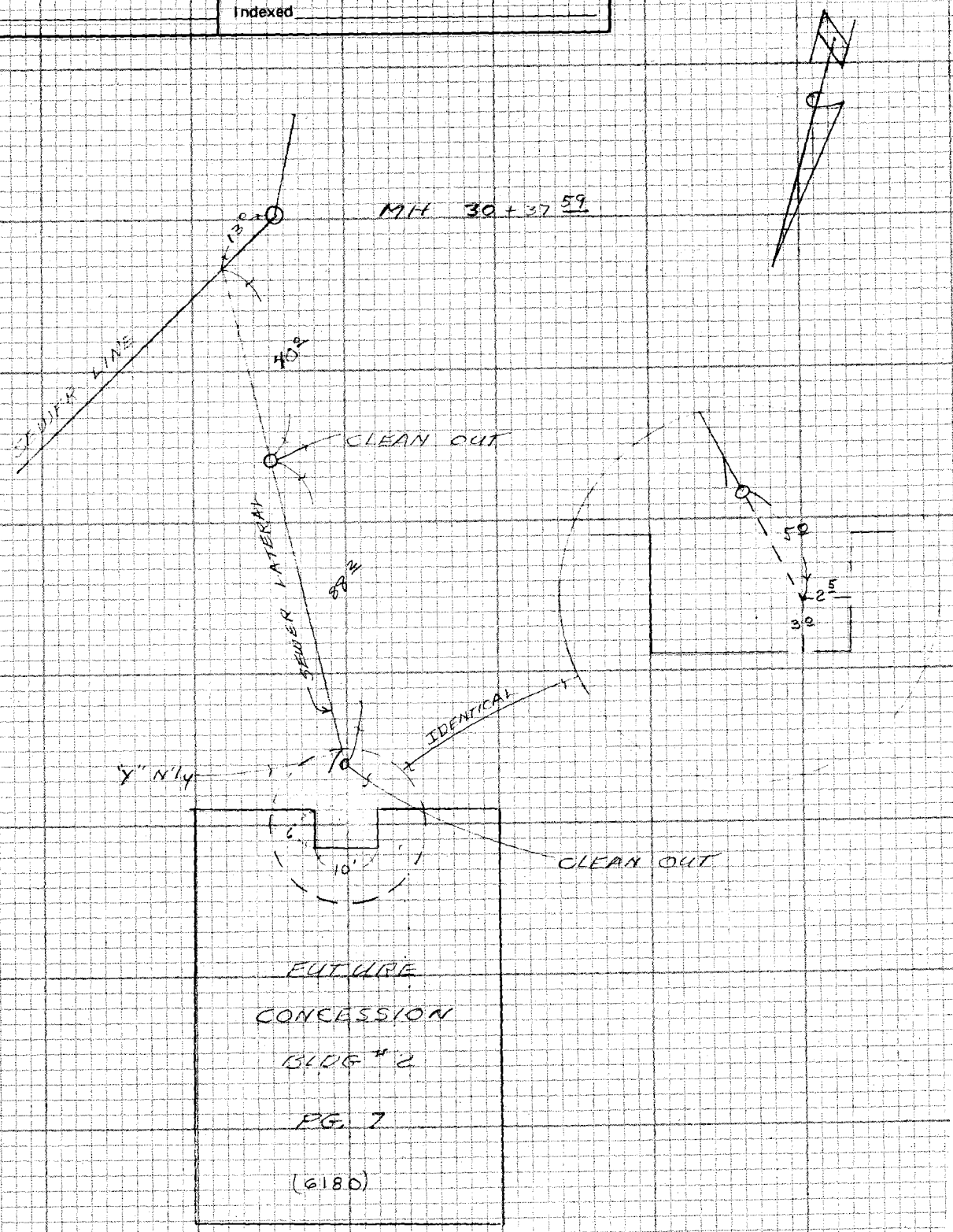
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9530.00 Tape # 14 Std 84 °F
Office Work	Surveyed by R.M. COCKERHAM
Checked	Notes R.M.C. Date OCT 74
Date	Indexed

F.B. 4315 PG 231 ~~217~~



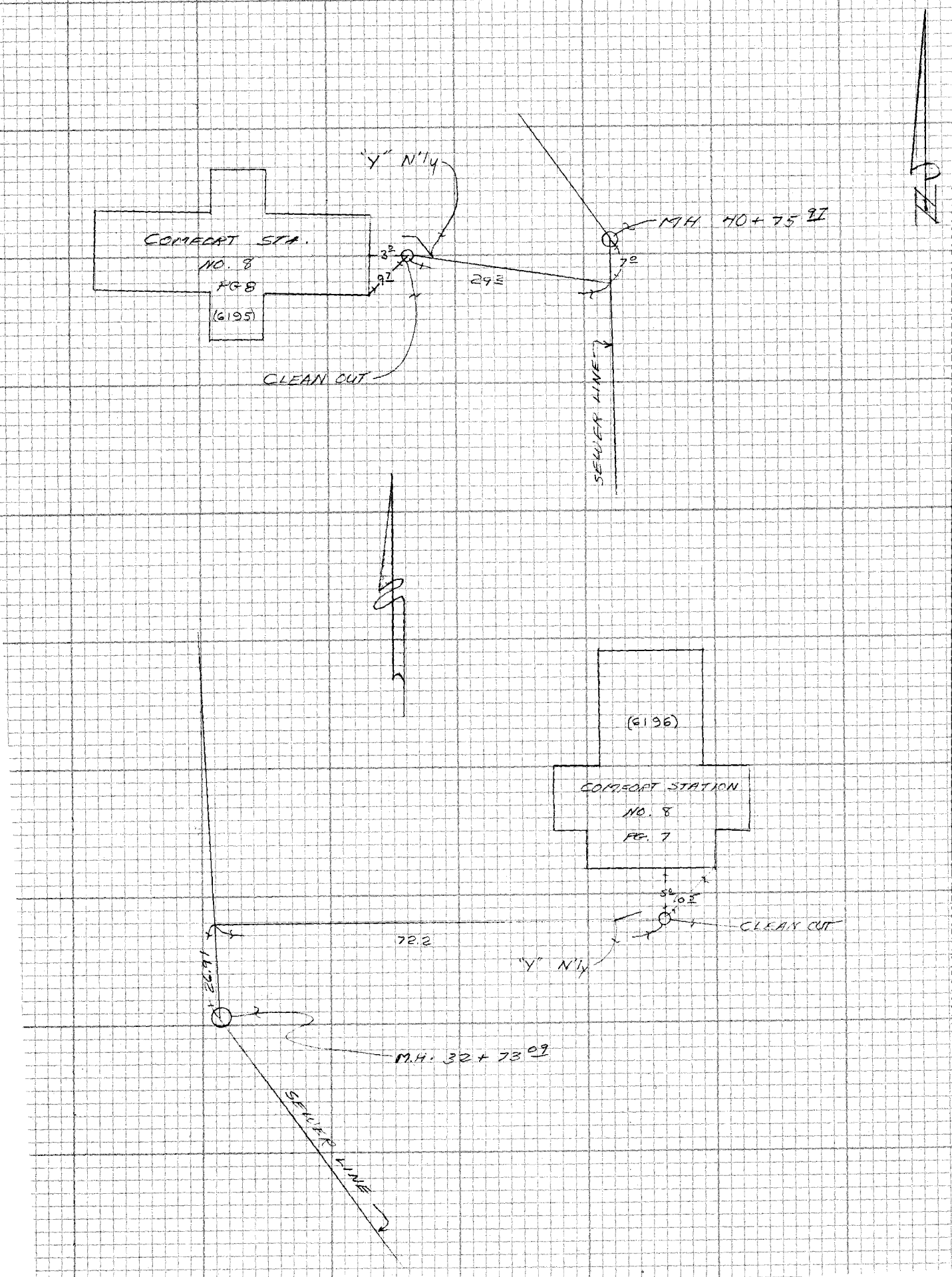
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. ~~318~~ 232



CE 310
76F3095-4/73

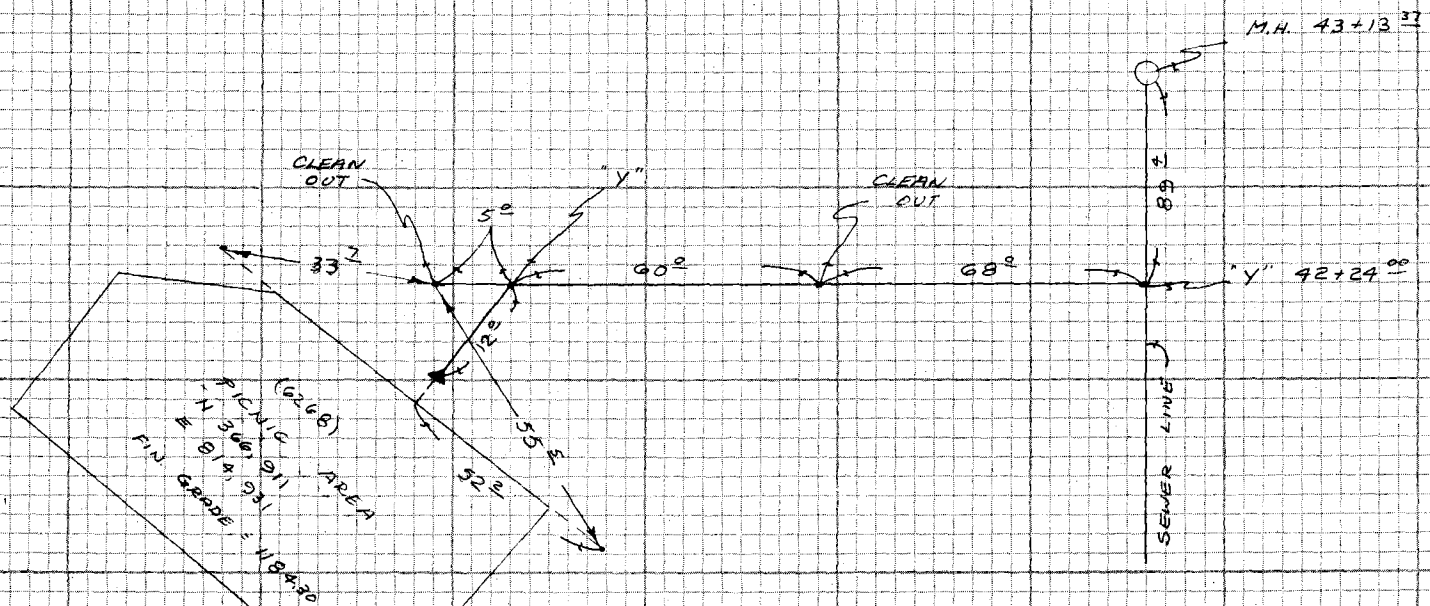
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

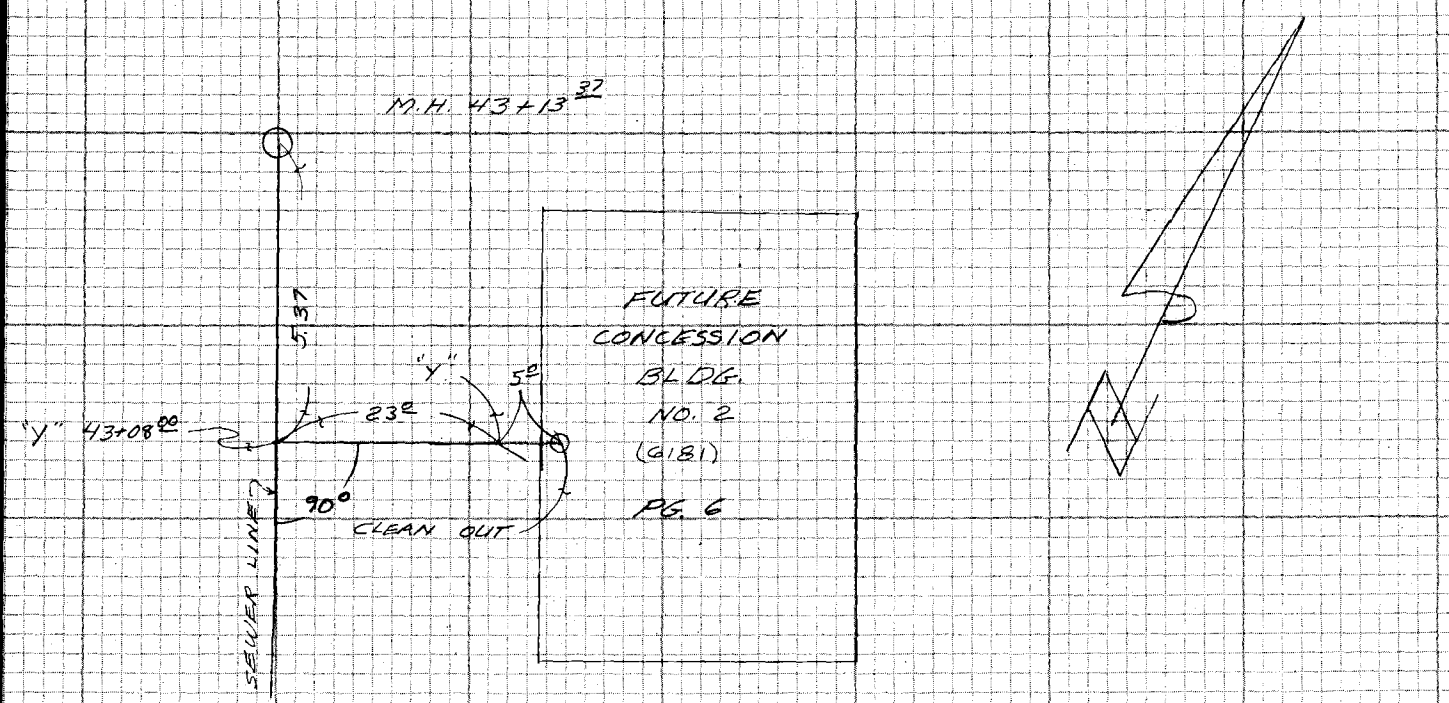
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 3940.02 Tape 14 Std 84 °F
Office Work	Surveyed by M.R. NIEVAREZ
Checked	Notes M.R.N. Date OCT 74
Date	Indexed

F.B. 4315 PG. 233 ~~210~~





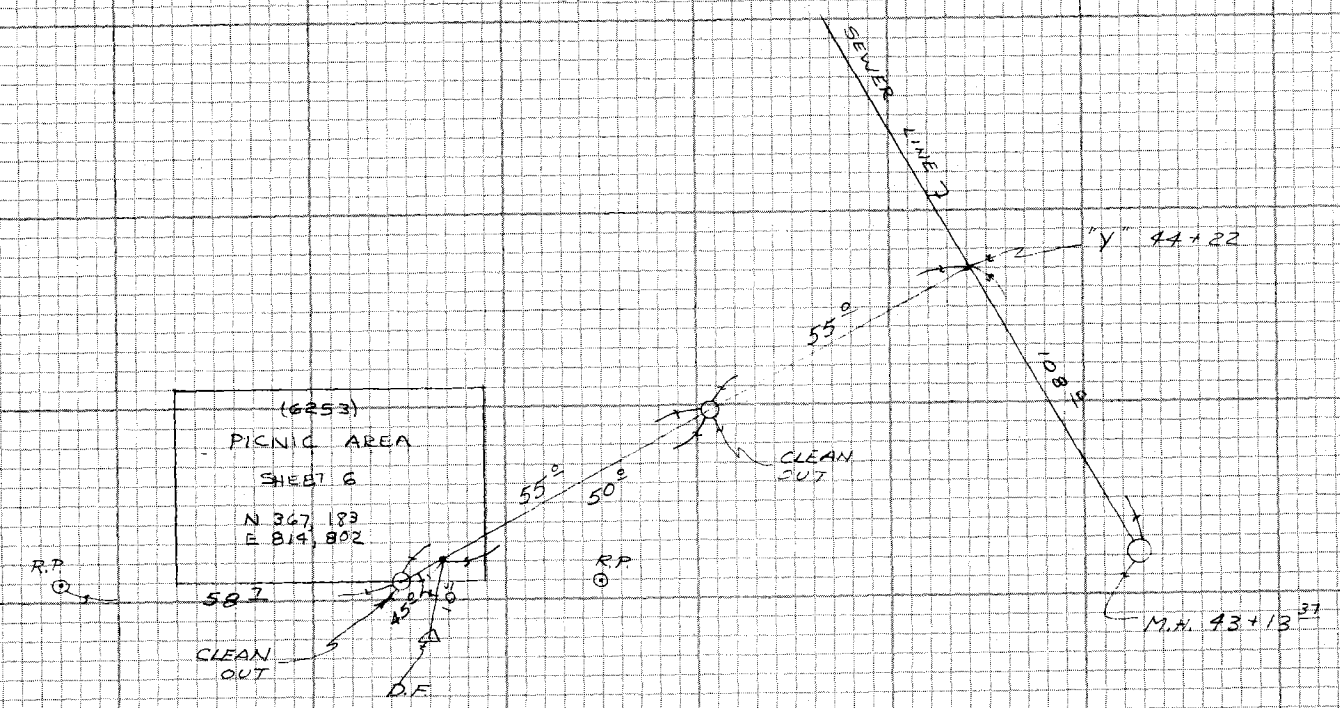
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

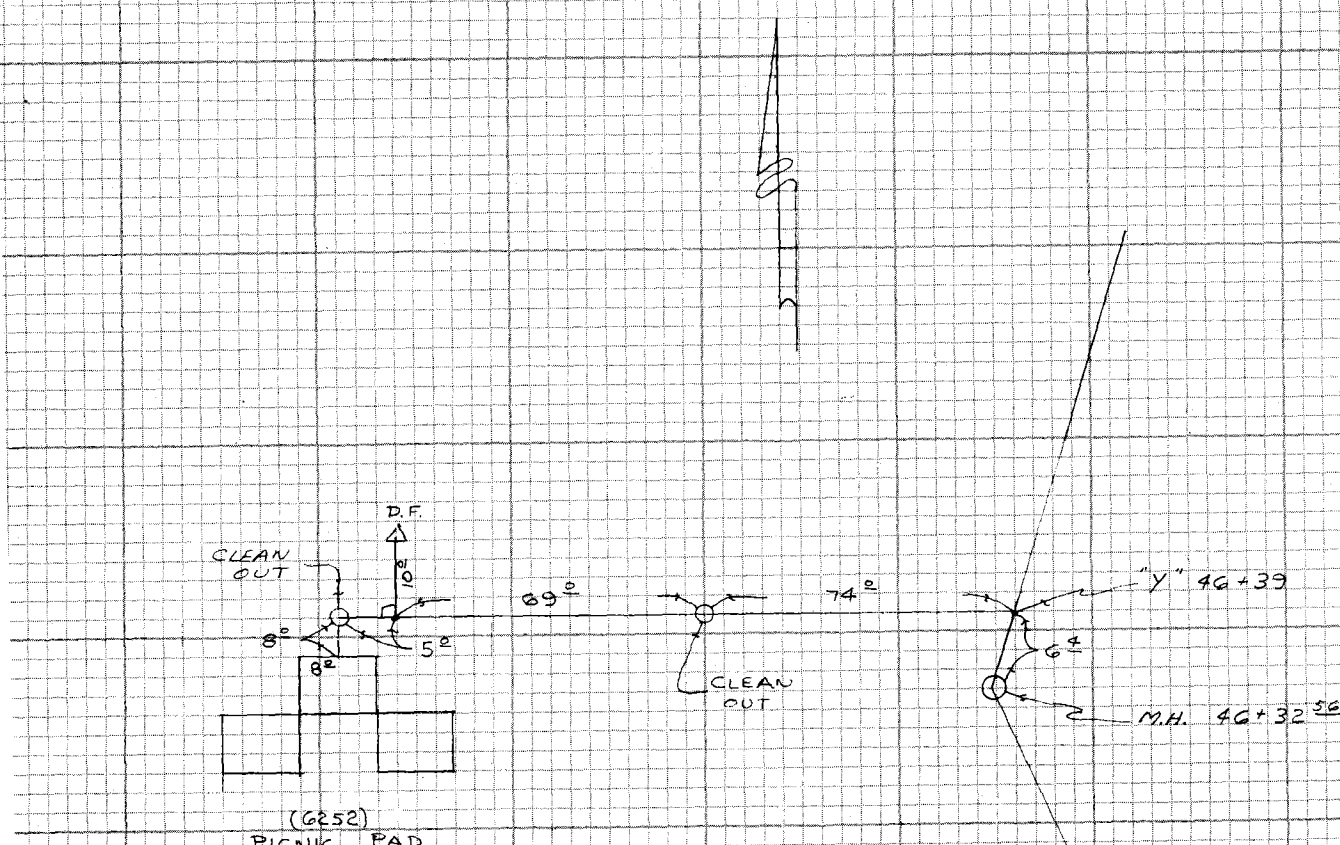
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4345 PG. ~~220~~ 234





CE 310
76F3095-4/73

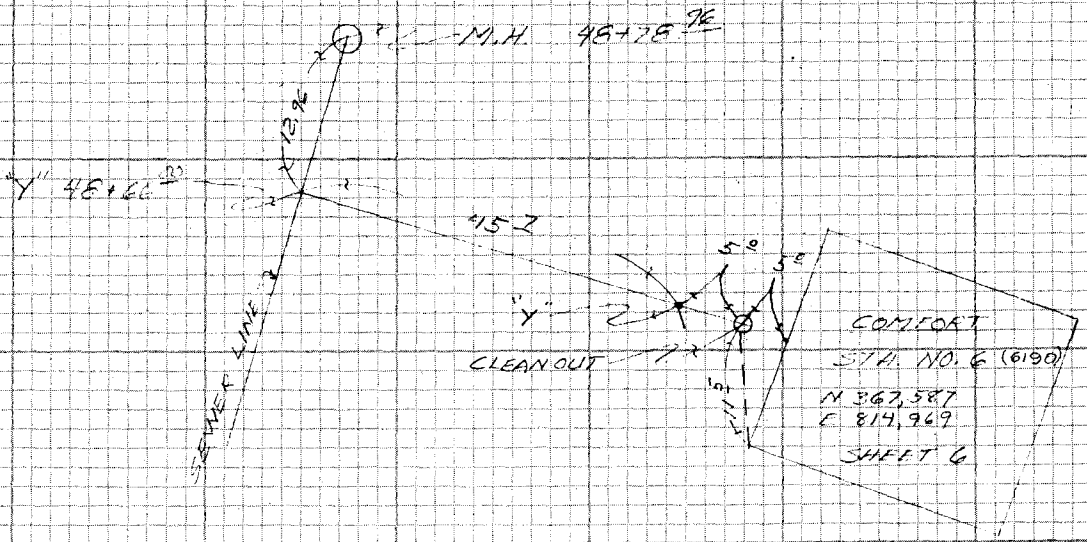
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

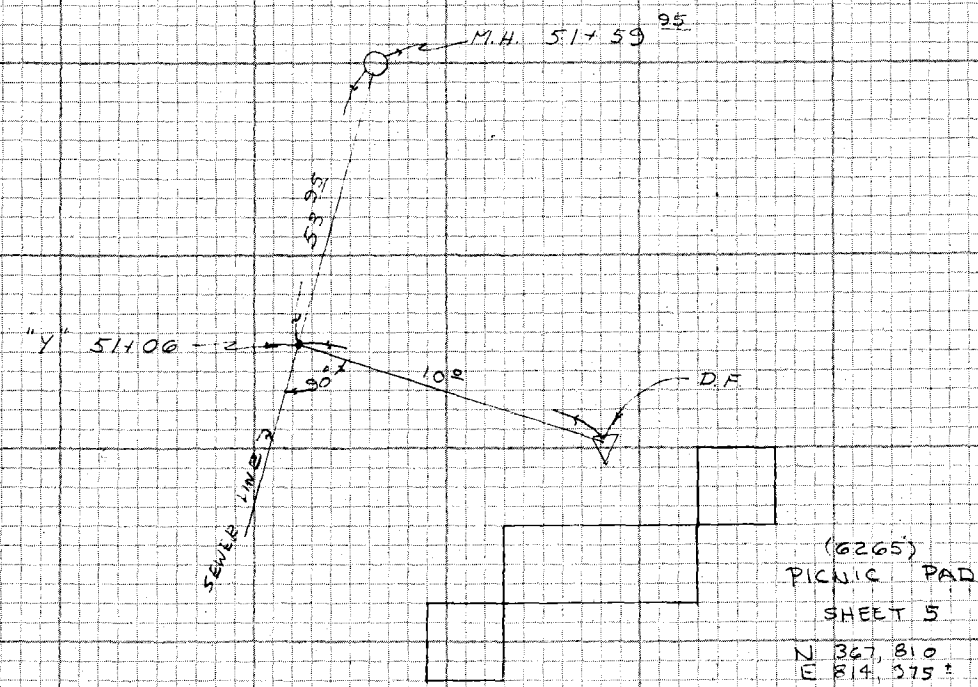
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of CASTAIC LAKE
Map No.	JN 9940.02 Tape Std 84 °F
Office Work	Surveyed by M. R. NEVAREZ
Checked	Notes M.R.N. Date OCT 74
Date	Indexed

F.B. 1315 PG. 235





NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

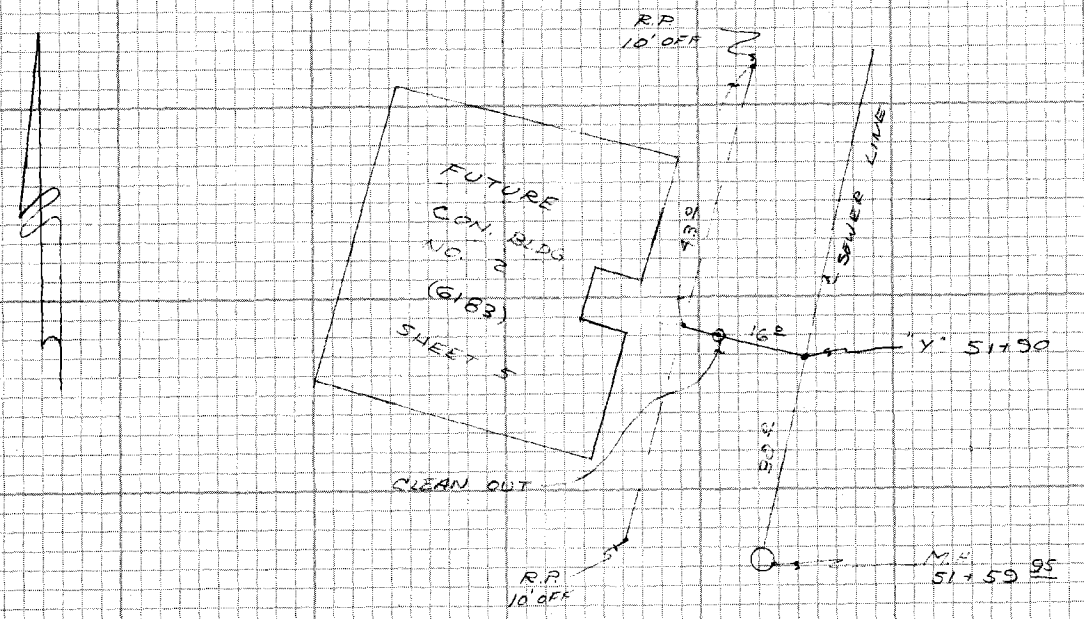
F.B. 4315 PG. 236 ~~222~~

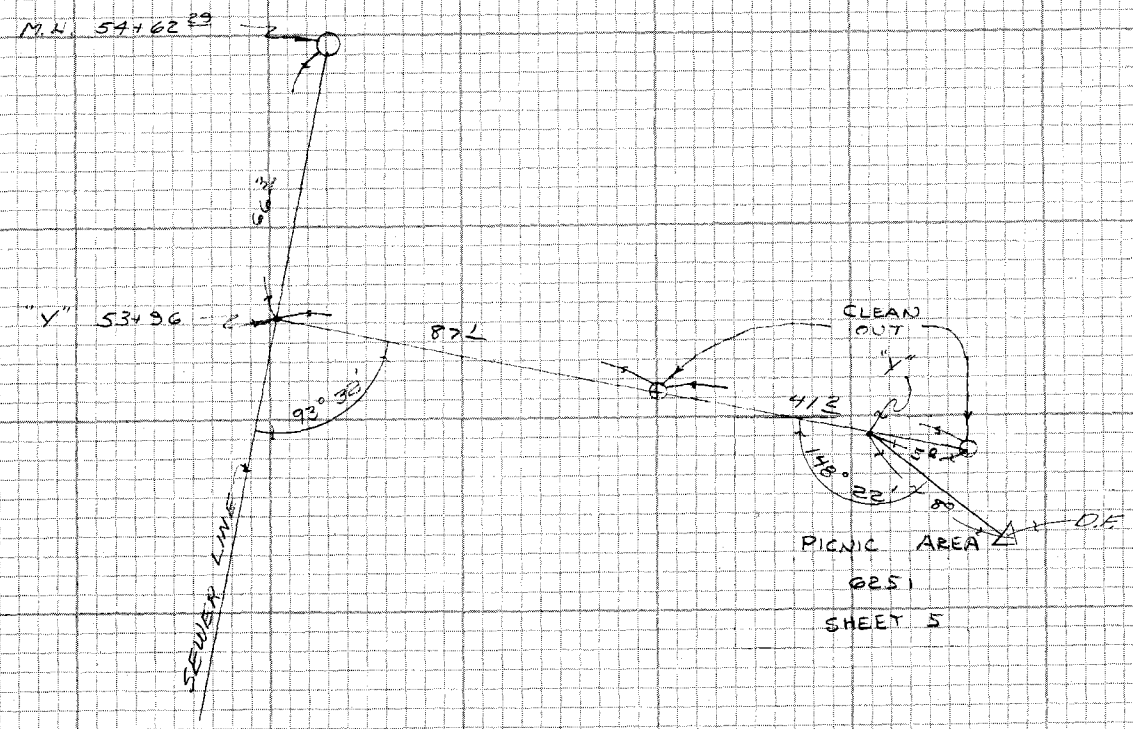
CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

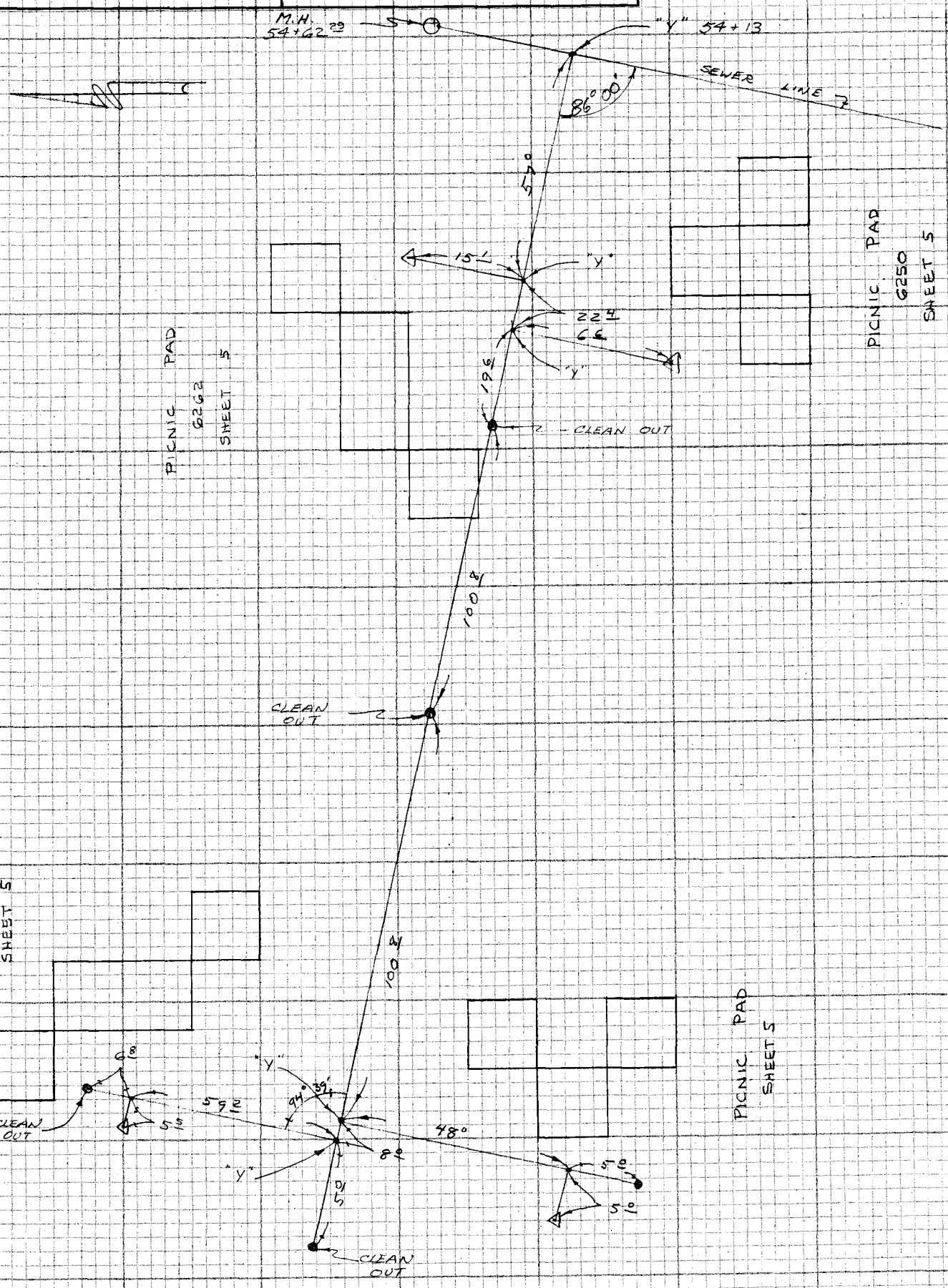
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line





Notes Ck'd by	Survey of CASTAIC LAKE	F.B. 4316	PG. 237
Map No.	JN 5940.02 Tape 14 Std 84 °F		
Office Work	Surveyed by M.R. NEWBREC		
Checked	Notes M.R.N. Date OCT 74		
Date	Indexed		



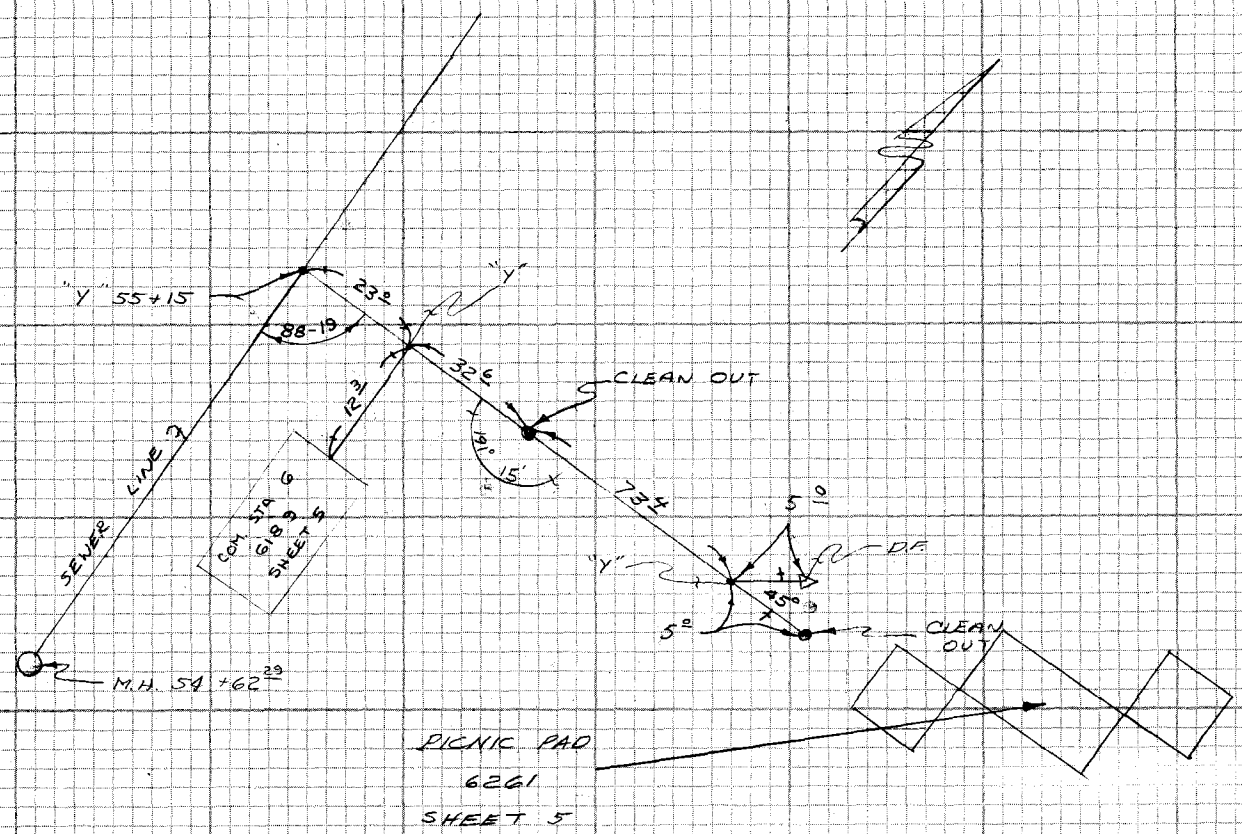
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

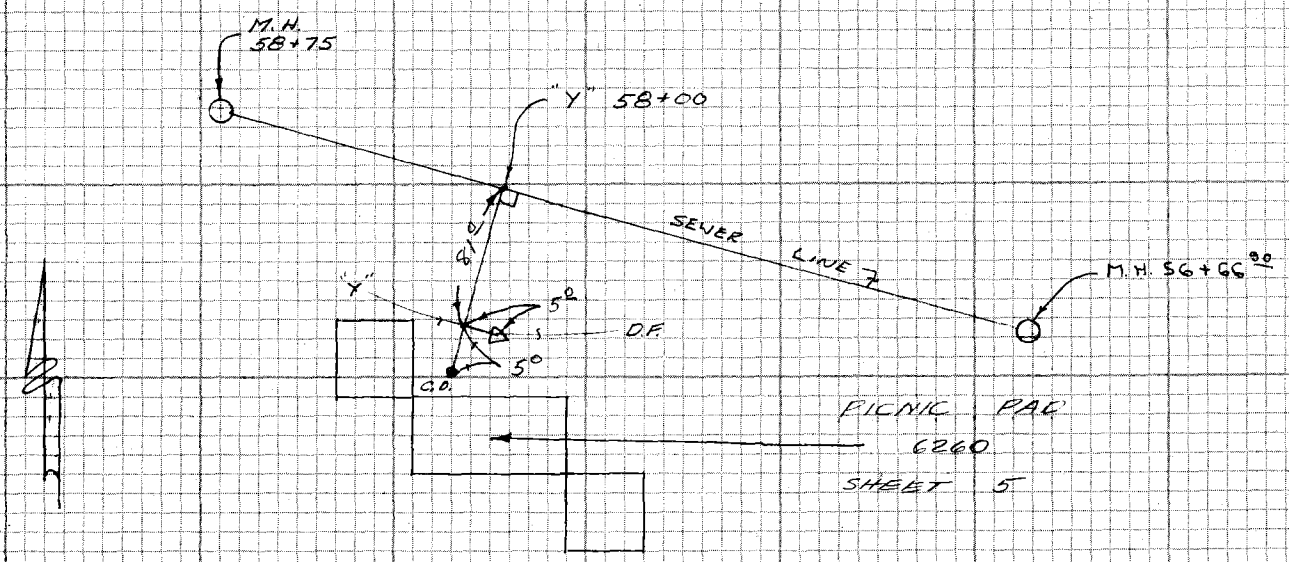
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. ~~224~~ 238





CE 310
7dF3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

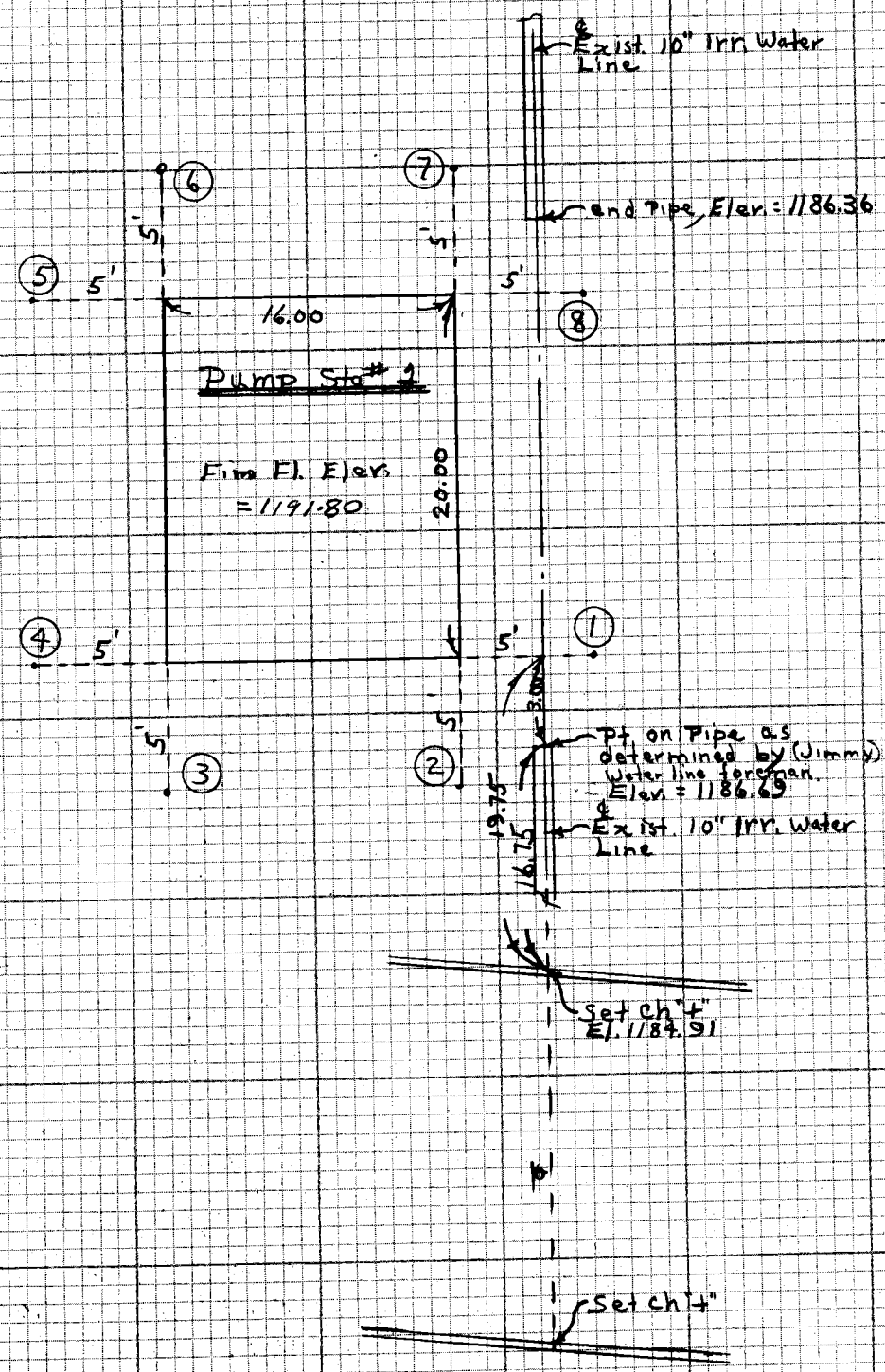
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castell Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1- -75
Date	Indexed

F.B. 4315 PG. 239

Location & Grade for Pump Sta #1
@ Lot # 13 Sht. # 5



Sta	Elev.	Grd. El.	Fin Fl.	C or F Fin. Fl.
1	1191.65	1191.80		E 15
2	91.00	91.80		F 0.80
3	90.24	91.80		F [illegible]
4	91.21	91.80		F 0.59
5	89.70	91.80		F 2.10
6	91.68	91.80		F 0.12
7	91.54	91.80		F 0.26
8	91.67	91.80		F 0.13

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

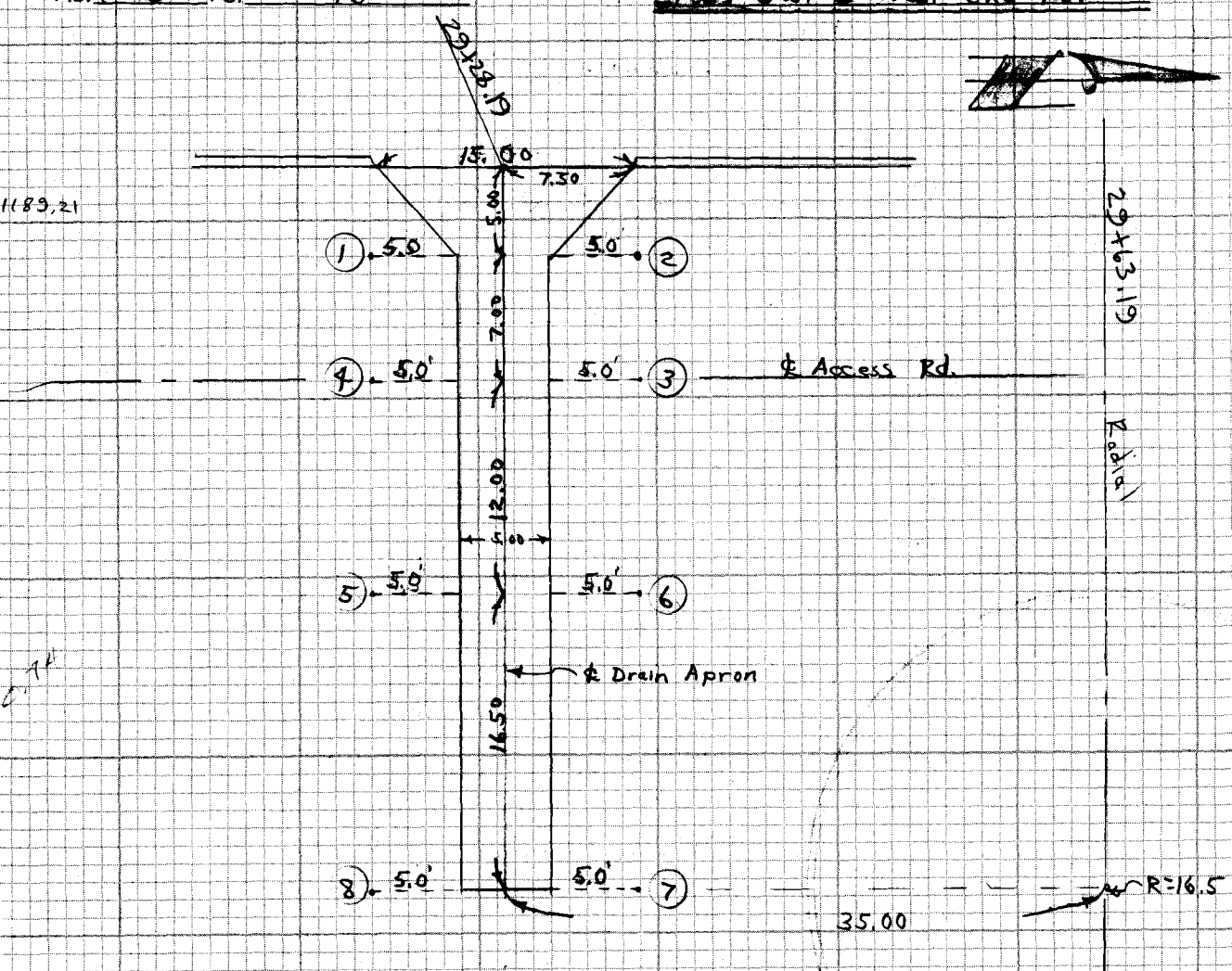
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 240

Cross Gut @ West end Lot #9



As built Grad on Edges
Feb 18, 1975

Sta	Elev.	Flow Line Grd.	Cor F. To F.L.	Grd @ edge	Cor F To edge	
1	1189.81	1190.19	F 0.38 ✓	1190.25	F 0.44 ✓	0.10
2	1189.78	1190.19	F 0.44 ✓	1190.25	F 0.47 ✓	0.02
3	1189.83	1190.12	F 0.29 ✓	1190.18	F 0.35 ✓	9.94
4	1189.85	1190.12	F 0.27 ✓	1190.18	F 0.33 ✓	0.02
5	1189.56	1189.91	F 0.35 ✓	1189.97	F 0.41 ✓	9.94
6	1189.45	1189.91	F 0.46 ✓	1189.97	F 0.52 ✓	9.90
7	1189.56	1189.03	F 0.47 ✓	1189.09	F 0.53 ✓	9.10
8	1188.52	1189.03	F 0.51 ✓	1189.09	F 0.57 ✓	9.13

Restake Cb. 3-18-75

Sta	Elev.	Top cb. Grd	Cor F. Top Cb.
+91.21		1190.94 EX 1190.89 PL	
B.V.C. +93.19	1190.66	1190.92 EX 90.88 PL	
+10.69	1190.73	90.81 EX 90.81	
Begin "X" +20.69	1190.58	90.77	F- 0.19 ✓
Apron +28.19	1190.51	90.24	C - 0.27 ✓
+30.69			
End "X" +35.69	1190.31	90.77	F- 0.46 ✓
+45.19	1189.97	90.81	F- 0.84
E.V.C. +63.19	1190.46	90.88	F- 0.42
+58.20		1191.08 EX 1191.03	

Restake Apron 3-18-75

Sta	Elev.	Grd @ edge Apron	Cor F. Edge
1	1189.61	1190.25	F-0.64 ✓
2	1189.68	90.25	F-0.57 ✓
3	1189.64	90.18	F-0.54 ✓
4	1189.32	90.18	F-0.86 ✓
5	1189.32	89.97	F-0.65 ✓
6	1189.23	89.97	F-0.74 ✓
7	1188.81	89.09	F-0.28 ✓
8	1189.06	1189.09	F 0.03 ✓

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

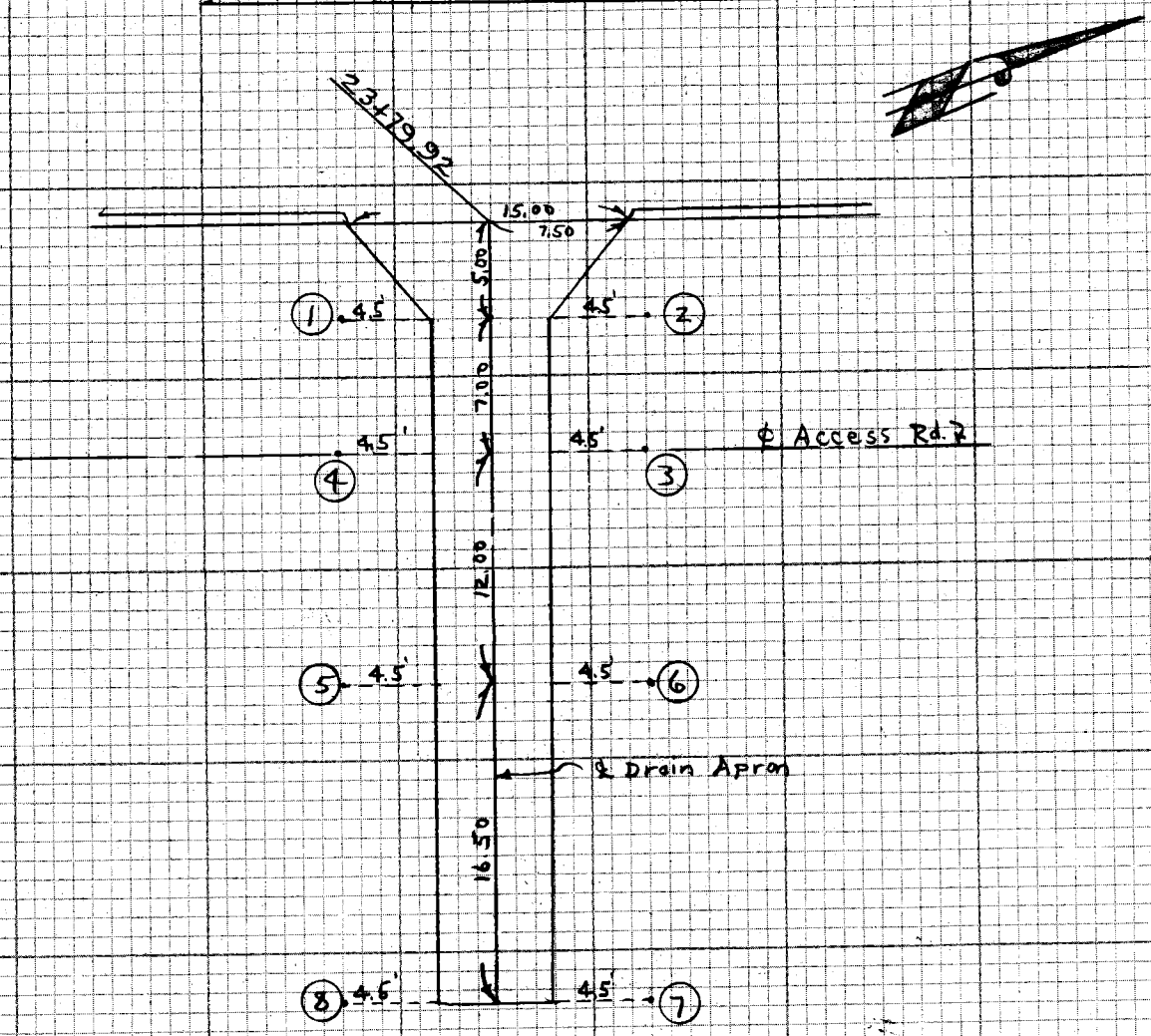
Do not exte, notek this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Aftenbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-20-75
Date	Indexed

F.B. 4315 PG 241

Loc. & Grd. Cross Gutter West end Lot #7



BM CA- El. = 1193.32

Sta	Elev.	Flowline Grade	C or F to F.L.	Edge Grade	C or F to edge
1	91.75	1191.54	C 0.21	1191.60	C 0.15
2	91.90	1191.54	C 0.36	1191.60	C 0.30
3	91.61	1191.47	C 0.14	1191.53	C 0.08
4	91.69	1191.47	C 0.22	1191.53	C 0.16
5	91.20	1191.26	F 0.06	1191.32	F 0.12
6	91.25	1191.26	F 0.01	1191.32	F 0.07
7	90.11	1190.49	F 0.38	1190.55	F 0.44
8	90.18	1190.49	F 0.31	1190.55	F 0.37

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

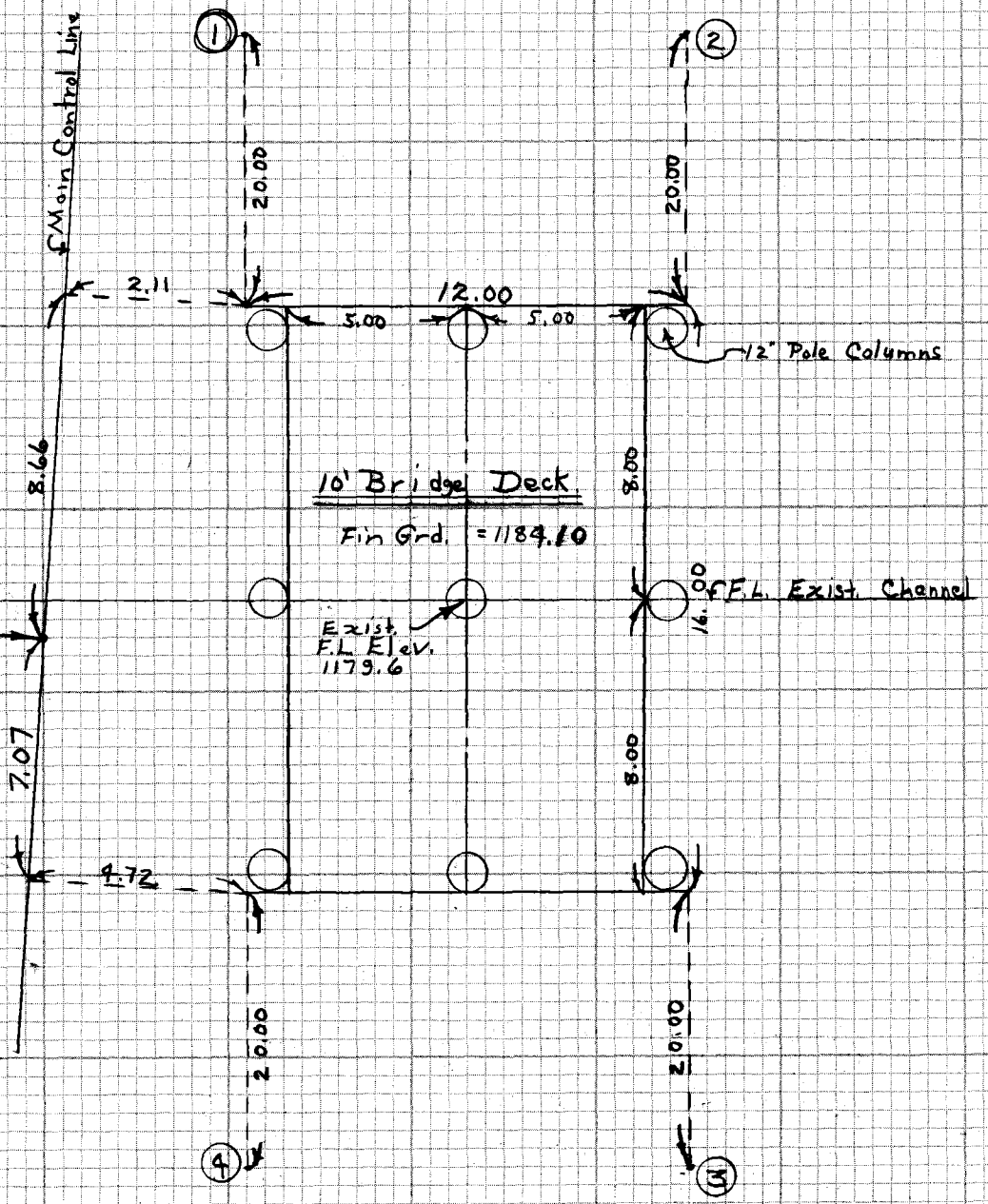
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 242

Location & Grade for Bridge East of Lot #13



B.M. C.A.12 El. =

Sta	Elev.	Grade Top Deck	Cut or F Top Deck
1	1182.23	1184.10	F-1.87
2	1182.25	1184.10	F-1.85
3	1183.02	1184.10	F-1.08
4	1182.77	1184.10	F-1.33

CE 310
78F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

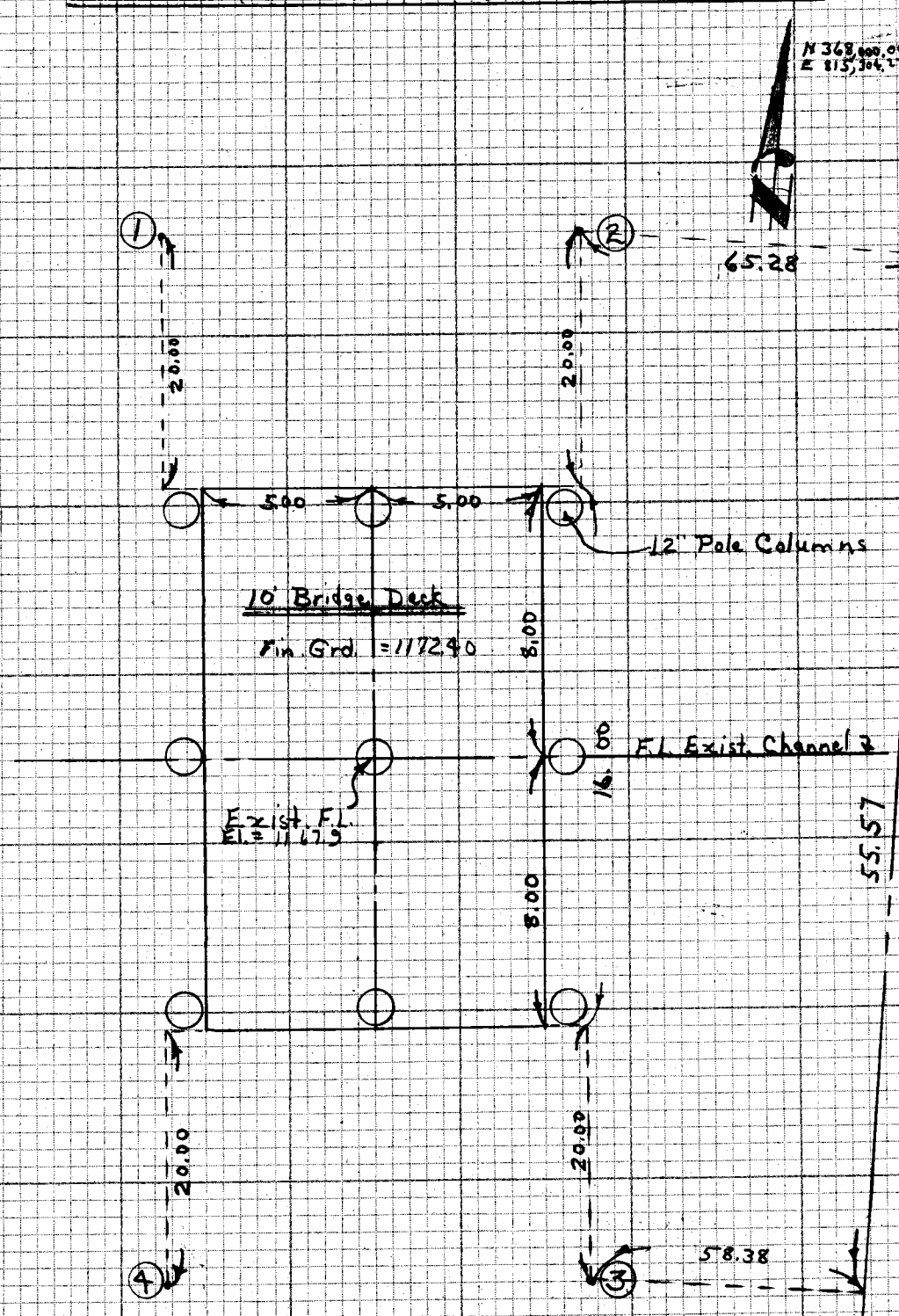
Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 3340.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 1-24-75
Date	Indexed

F.B. 4315 PG. 243

Location & Grade on Bridge 290± East of Lot #11



Sta	Elev.	Grade Top Deck	Cor F. Top Deck
1	1172.10	1172.40	F 0.30 ✓
2	71.83	1172.40	F -0.57 ✓
3	70.30	1172.40	F -2.10 ✓
4	70.80	1172.40	F 1.60 ✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

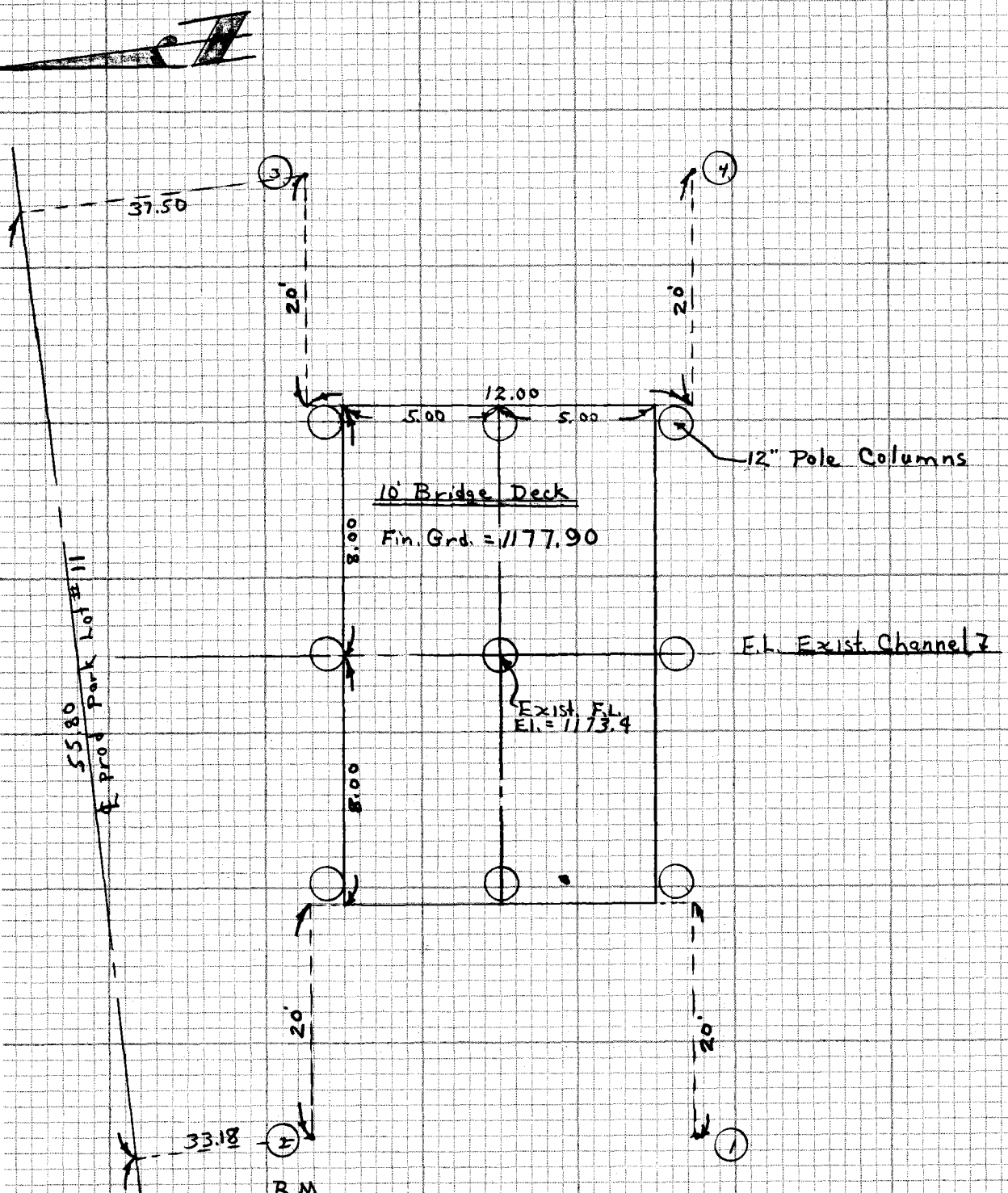
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F 3095-4/73

F.B. 1315 PG. 244

Location & Grd. for Bridge 175± East of Lot #11



B.M.

Sta	Elev.	Grade Top Deck	Cut or Fill Top Deck
1	1178.07	1177.90	C-0.17
2	78.13	1177.90	C-0.23
3	75.52	1177.90	F-2.38
4	75.51	1177.90	F-2.39

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

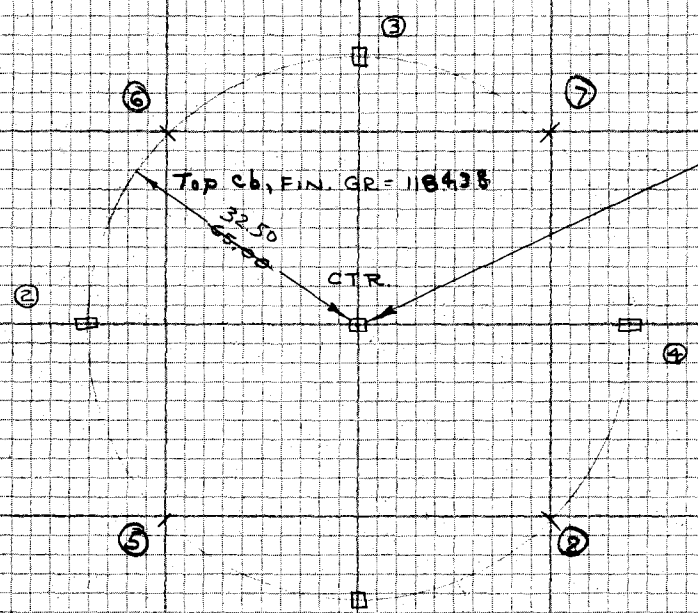
Do not extend holds this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Atterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Nevarez 1-75
Checked	Notes Date
Date	Indexed

F.B. 4315 PG. 245

LOCATION & GRADE STAKES
FOR PLAYGROUND A-1
SHEET L-1



~~N 366,148~~
~~E 815,238~~
N 366,148
E 815,255
Moved 1-30-75
D.L.B.

B.M. #CA 68 1180.85

Sta	Elev.	Grade Top Cb.	Cut Top Cb.
①	1183.85	1184.38	F 0.53
②	83.76	84.38	F 0.62
③	83.12	84.38	F 1.26
④	83.68	84.38	F 0.70
⑤	84.18	84.38	F 0.20
⑥	84.38	84.38	GRADE
⑦	83.95	84.38	F-0.43
⑧	83.73	1184.38	F-0.65

STA	ELEV	FIN GR	CUT/FILL TO F.G.	REMARKS
B.M.	1180.85			CA-68
	1184.05	1181.00	C-3.95	CTR
①	1184.09		C-3.99	
②	1181.67		C-0.67	
③	1183.32		C-2.32	
④	1183.77		C-2.77	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

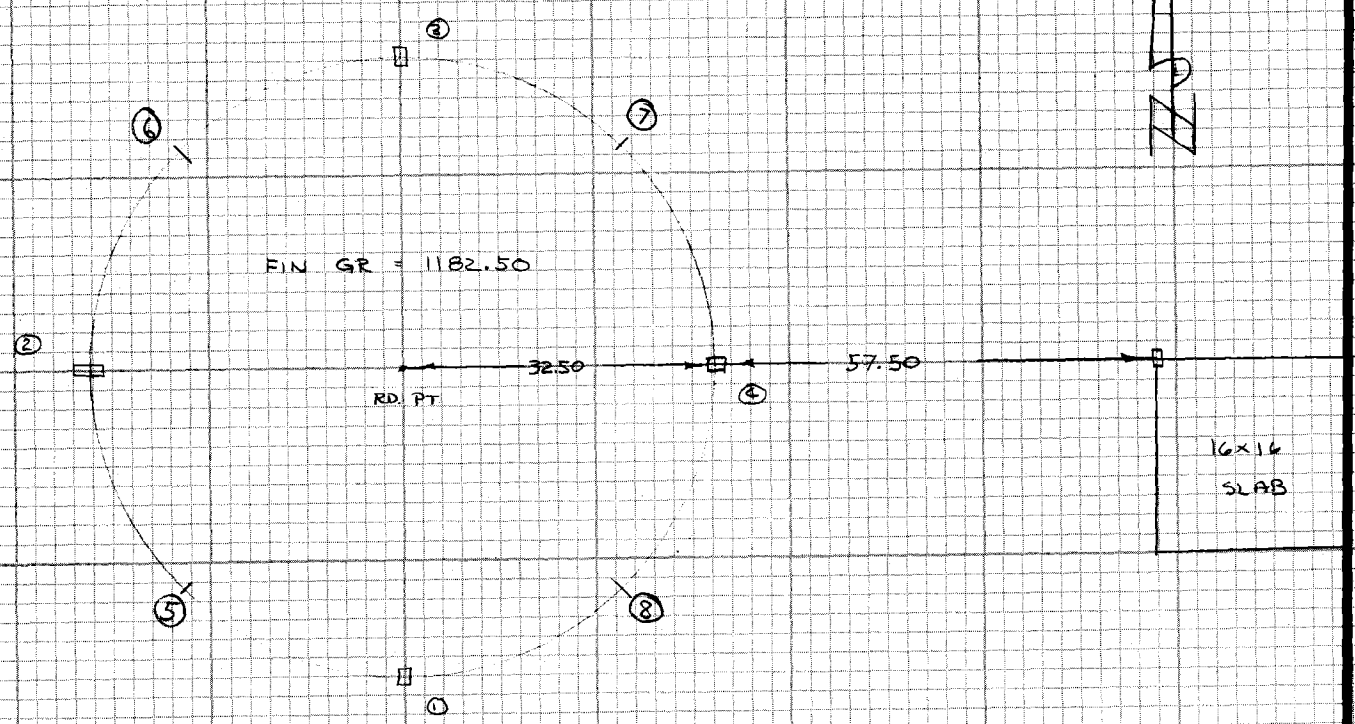
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 246

LOCATION & GRADE STAKES S'ly of Lot #11
FOR PLAYGROUND A-2
SHEET L-1



STA	ELEV	FIN GR	CUT/FILL TO FIG	REMARKS
BM	1185.83	—	—	CA 67
	1181.41	1182.50	F-1.09	CTR
1	1181.35		F-1.15	-
2	1181.95		F-0.55	-
3	1181.78		F-0.72	-
4	1181.09		F-1.41	-
5	1181.75	82.50	F-0.75	-
6	1181.98	82.50	F-0.53	-
7	1181.46	82.50	F-1.04	-
8	1180.77	11 82.50	F-1.73	-

CE 310
76f-3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

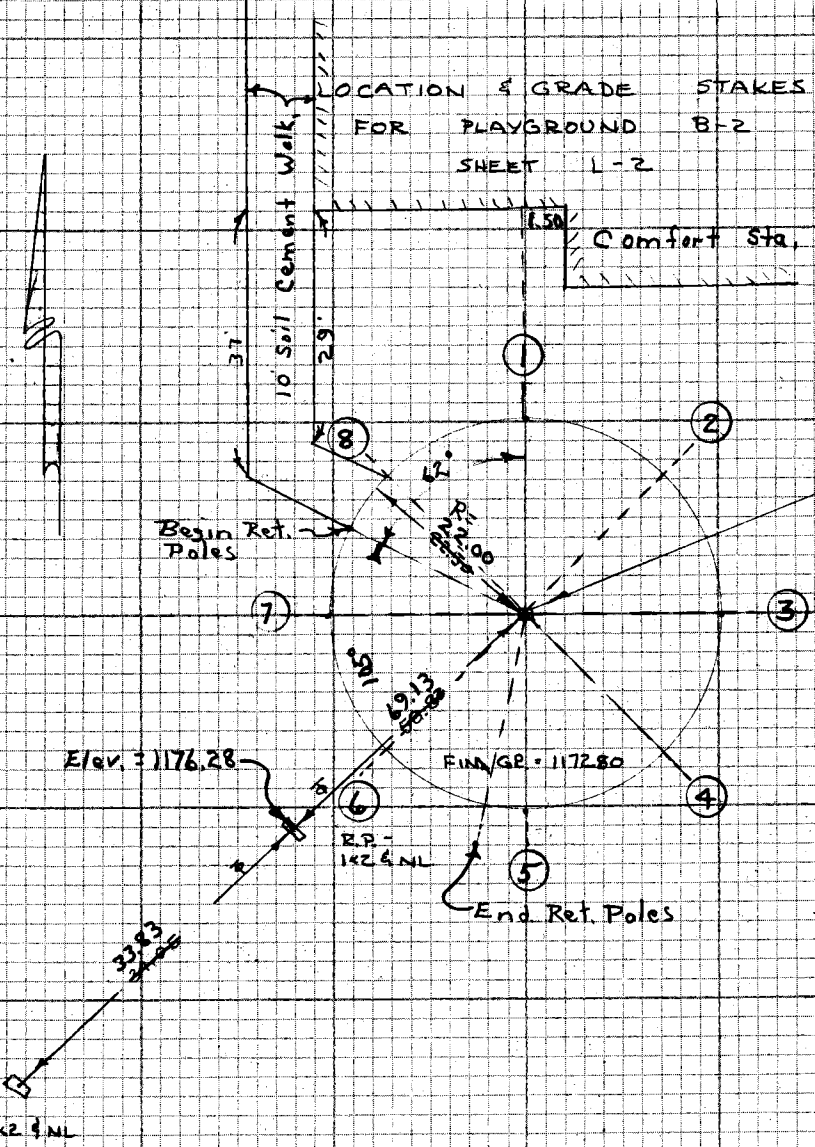
Do not extend notes this side of this line

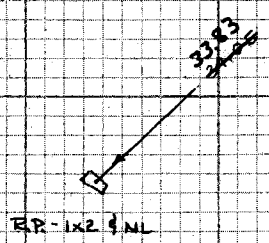
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Asterbay
Map No.	JN 99 40.024 Tape Std °F
Office Work	Surveyed by Navarez
Checked	Notes Date 1-75
Date	Indexed

F.B. 4315 PG. 247

LOCATION & GRADE STAKES S'ly Park Lot #7
FOR PLAYGROUND B-2
SHEET L-2





Sta.	Elev.	Grade Top Ch.	C or F. Top Ch.
1	1172.57	1172.80	F 0.23
2	72.61	1172.80	F 0.19
3	71.31	1172.80	F 1.49
4	72.40	1172.80	F 0.40
5	71.65	1172.80	F 1.15
6	74.55	1172.80	C-1.75
7	74.75	1172.80	C-1.95
8	72.87	1172.80	C-0.07

STA	ELEV	FIN GR	CUT/FILL TO FG	REMARKS
BM	1193.32			
1	1173.81	1172.50	C-1.31	
2	1174.77		C-2.27	
3	1172.43		F-0.07	
4	1171.18		F-1.32	
	1173.59		C-1.09	CTR.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

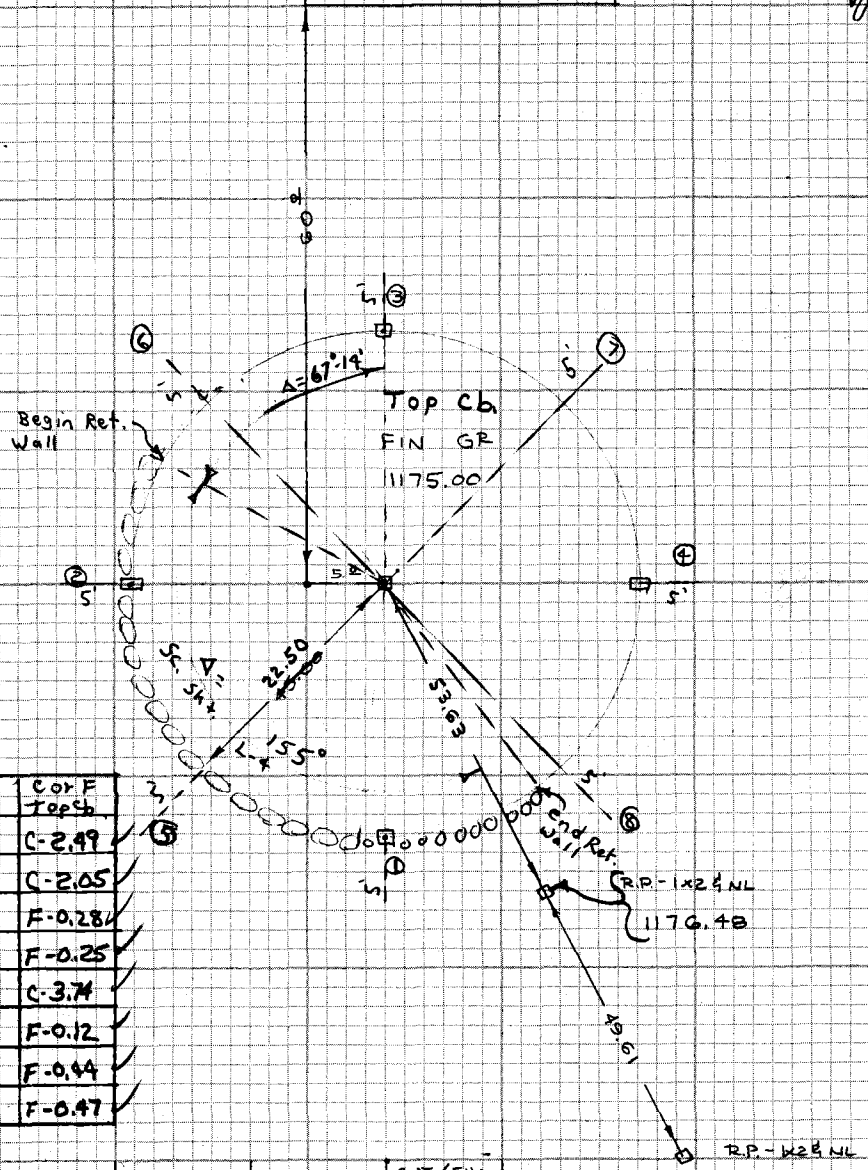
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 4315 PG. 248

LOCATION & GRADES STAKES E'ly of Lookout STATION
FOR PLAYGROUND B-3
SHEET L-4

COMFORT



Sta	Elev.	Grd Top Cb.	Cor F Top Cb.
1	1177.49	1175.00	C-2.49
2	77.05	75.00	C-2.05
3	74.72	75.00	F-0.28
4	74.75	75.00	F-0.25
5	78.74	75.00	C-3.74
6	74.88	75.00	F-0.12
7	74.56	75.00	F-0.44
8	74.53	75.00	F-0.47

STA	ELEV	FIN GR.	CUT/FILL TO F.G.	REMARKS
B.M.				
	1175.29	1175.00	C-0.29	CTR
1	1177.10		C-2.10	
2	1176.80		C-1.80	
3	1172.44		F-2.56	
4	1174.91		F-0.09	
5		75.00		
6		75.00		
7		75.00		
8		75.00		

CE 310
76F3095-4/73

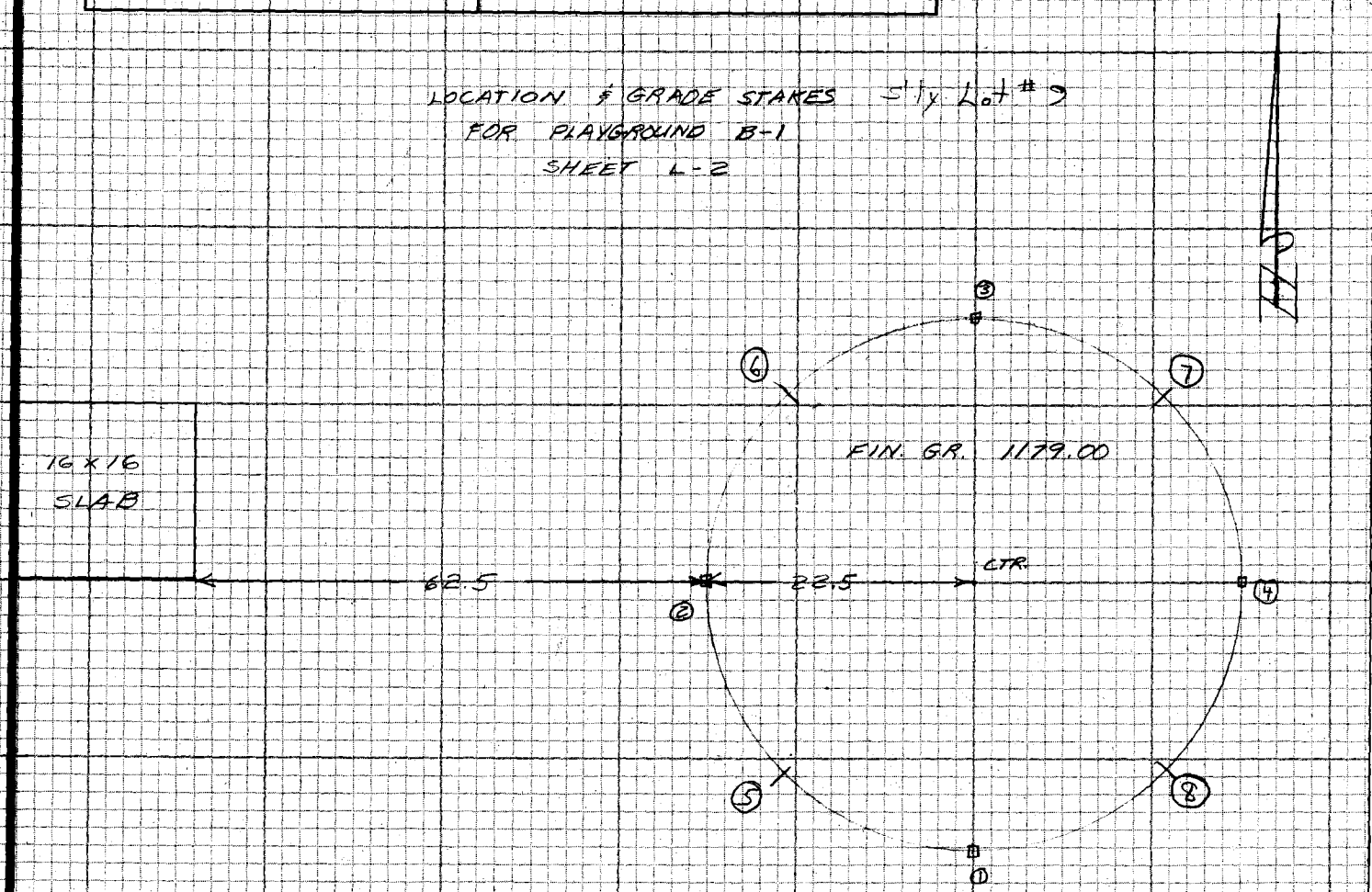
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay F.B. 4315 PG. 249
Map No.	JN 9940.02 Tape Sta °F
Office Work	Surveyed by Nevarez
Checked	Notes Date 1-75
Date	Indexed

LOCATION & GRADE STAKES S'ly Lot #9
FOR PLAYGROUND B-1
SHEET L-2



STA	ELEV	FIN. GR.	CUT/FILL TO F.G.	REMARKS
BM	1176.37	—	—	CA 63
	1180.38	1179.00	C-1 38	CTR.
— ①	1179.26		C-0 26	✓
— ②	1182.37		C-3 37	✓
— ③	1180.66		C-1 66	✓
— ④	1178.67		F-0 33	✓
— ⑤	1180.49	79.00	C-1 49	✓
— ⑥	1180.77	79.00	C-1 77	✓
— ⑦	1179.85	79.00	C-0 85	✓
— ⑧	1179.21	1179.00	C-0 21	✓

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

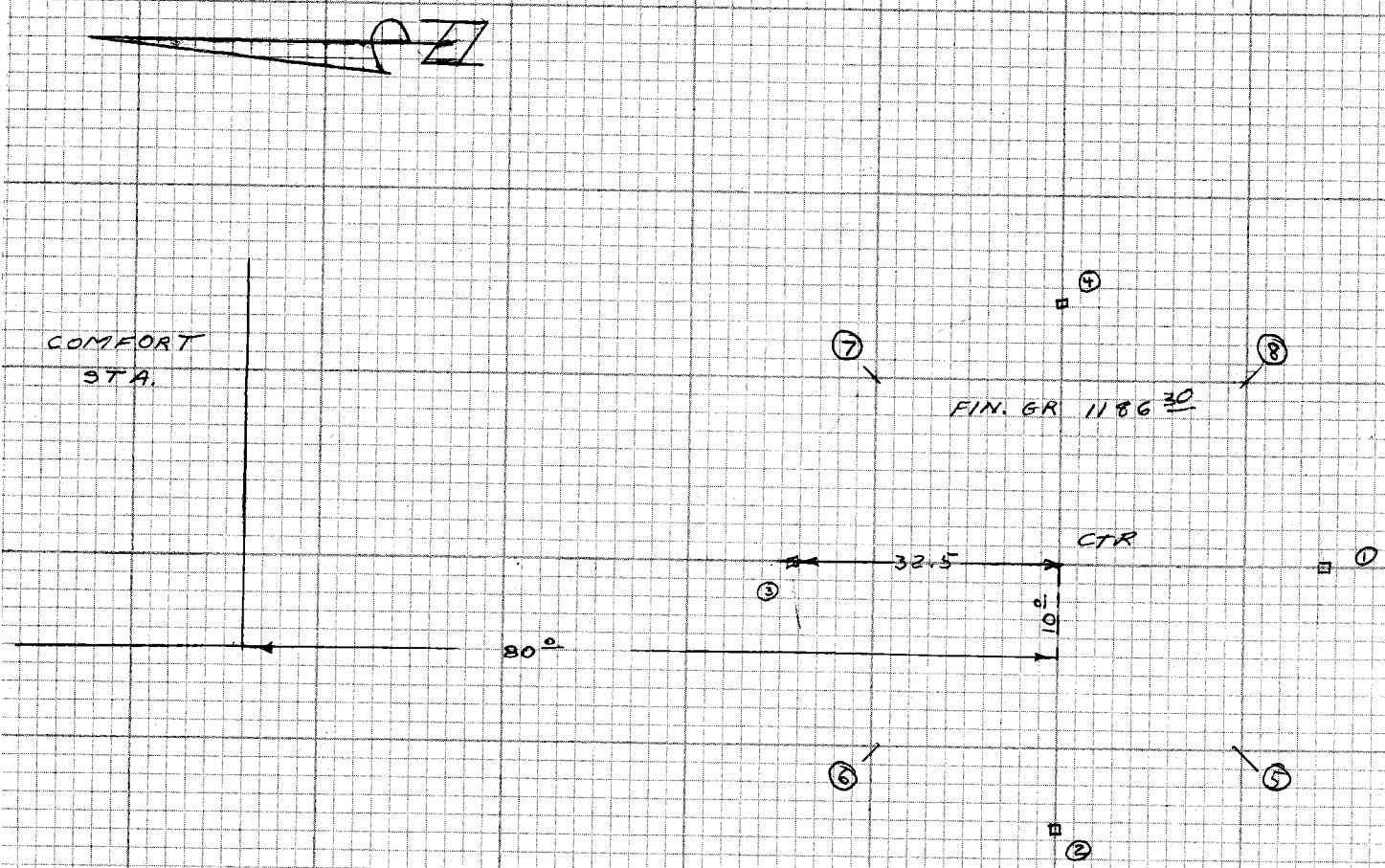
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 250

LOCATION & GRADE STAKES E'ly Lot #2
FOR PLAYGROUND A-3
SHEET L 4

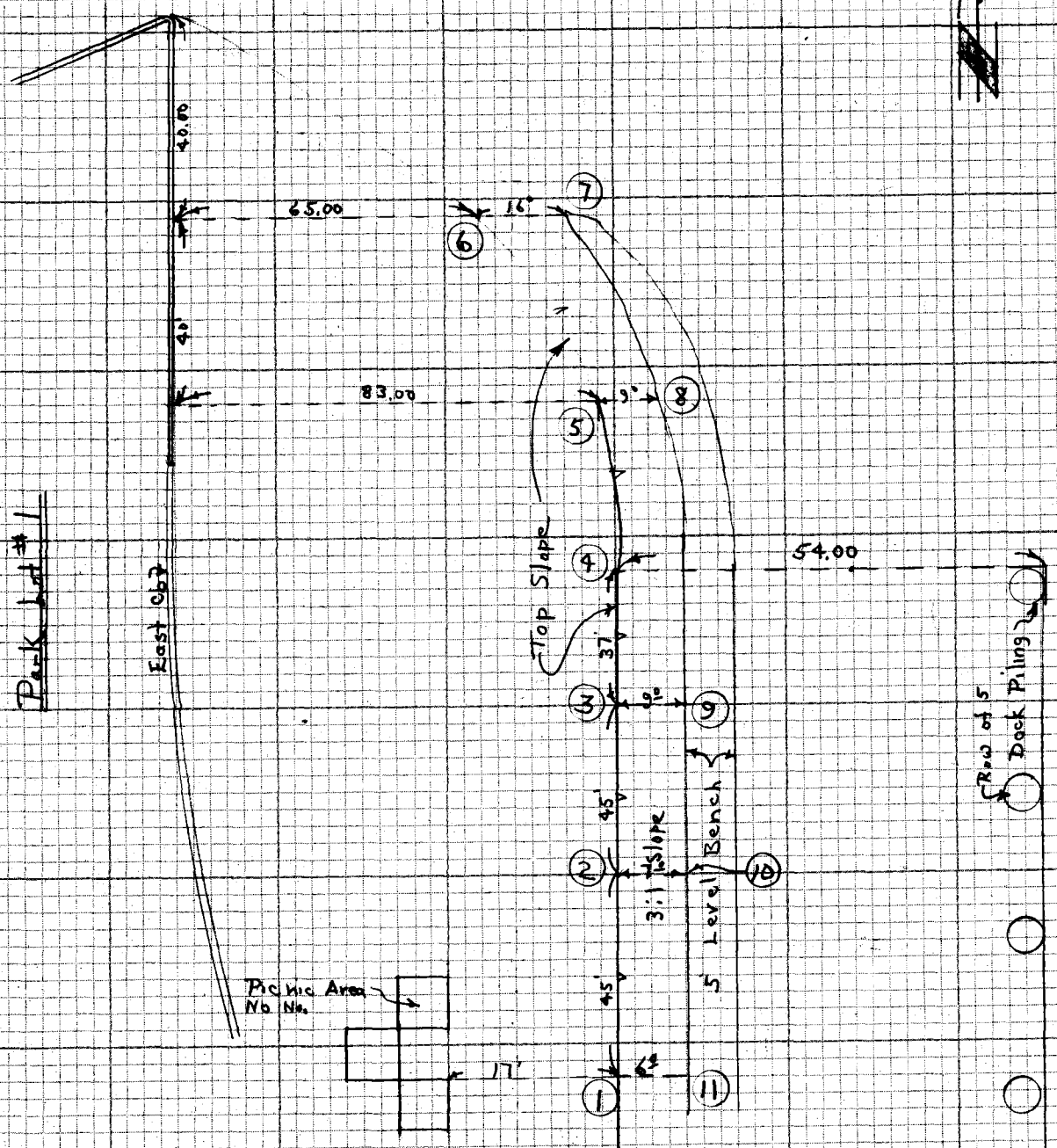


STA	ELEV	FIN. GR	CUT/FILL to FG	REMARKS
BM	1204.05	—	—	CA 47
	1185.85	1186.30		CTR.
1	1186.08		F-0.22	
2	1185.38		F-0.92	
3	1186.14		F-0.16	
4	1186.09		F-0.21	
5	86.08	86.30	F-0.22	
6	86.28	86.30	F-0.02	
7	86.35	86.30	C-0.05	
8	85.85	1186.30	F-0.45	

CE 510
76F3095-4/73
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 99340.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 2-7-75
Date	Indexed

F.B. 4315 PG. 251



Sta	Elev.	Grnd Grade	C or F Grnd Grd	Sta	Elev	Grnd Grade	C or F Grnd Grd
1	1140.1	1140.0	C-0.1	7	1139.00	1137.00	C-2.00
2	38.9	40.0	F-1.1	8	39.45	1137.00	C-2.45
3	38.8	40.0	F-1.2	9	37.63	37.00	C-0.63
4	39.3	40.0	F-0.7	10	1138.28	37.00	C-1.28
5	40.5	40.5	Grd				
6	1141.2	1142.4	F-1.2				

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

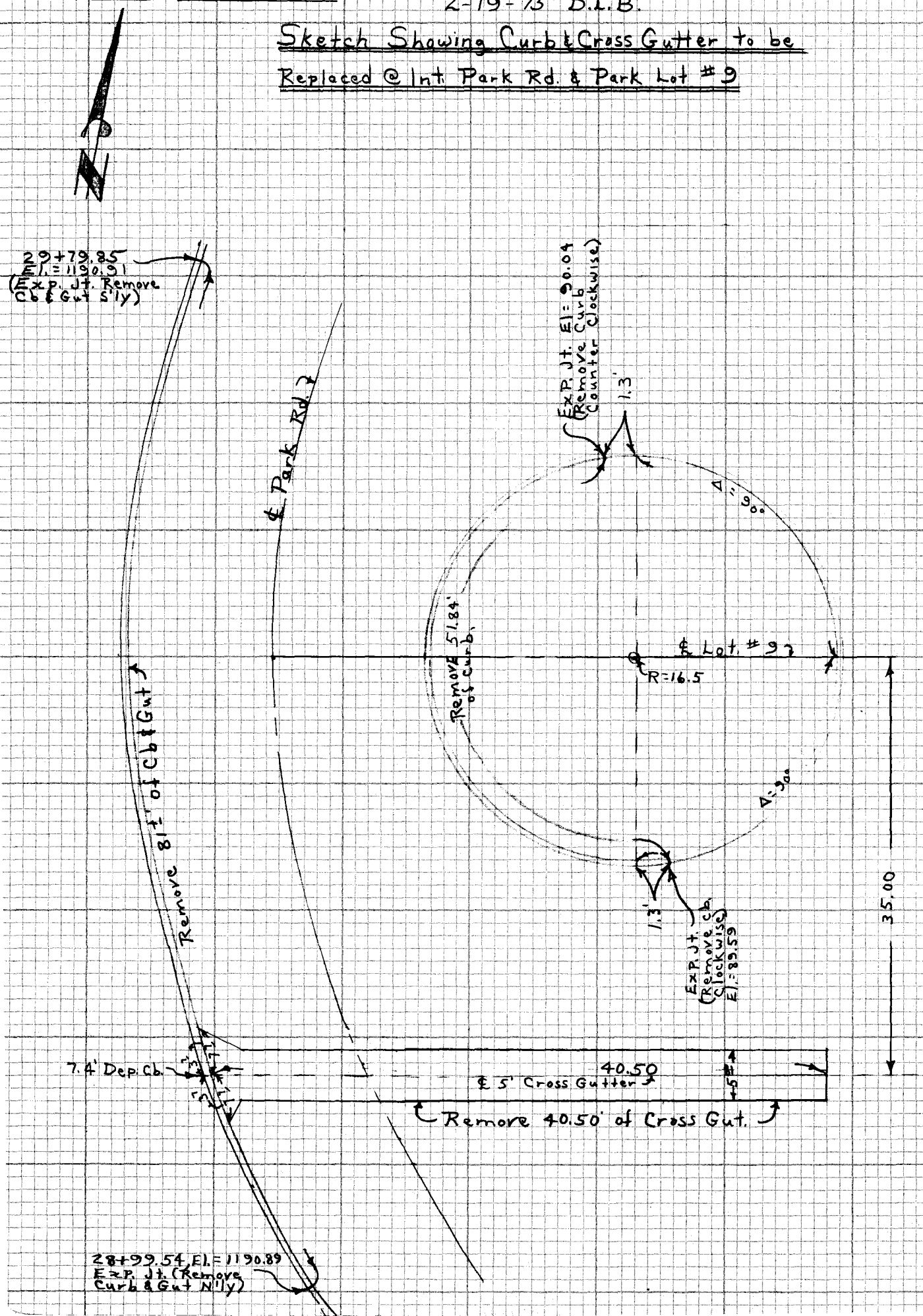
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 252

2-19-75 D.L.B.

Sketch Showing Curb & Cross Gutter to be Replaced @ Int. Park Rd. & Park Lot #9



CE 310
76F3095-1/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

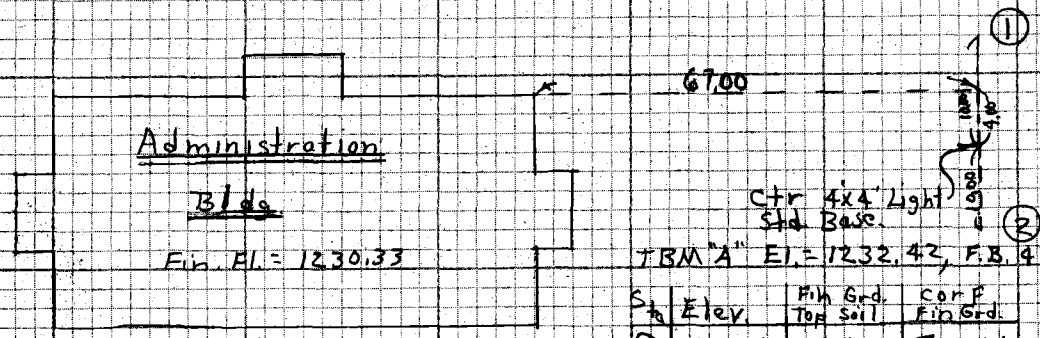
Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkhalter
Checked	Notes D.L.B. Date 3-20-75
Date	Indexed

F.B. 4315 PG 253

Location & Grade 4x4' Light Std. Base (West Side)

N.E'ly of Administration Bldg.

Sht #7

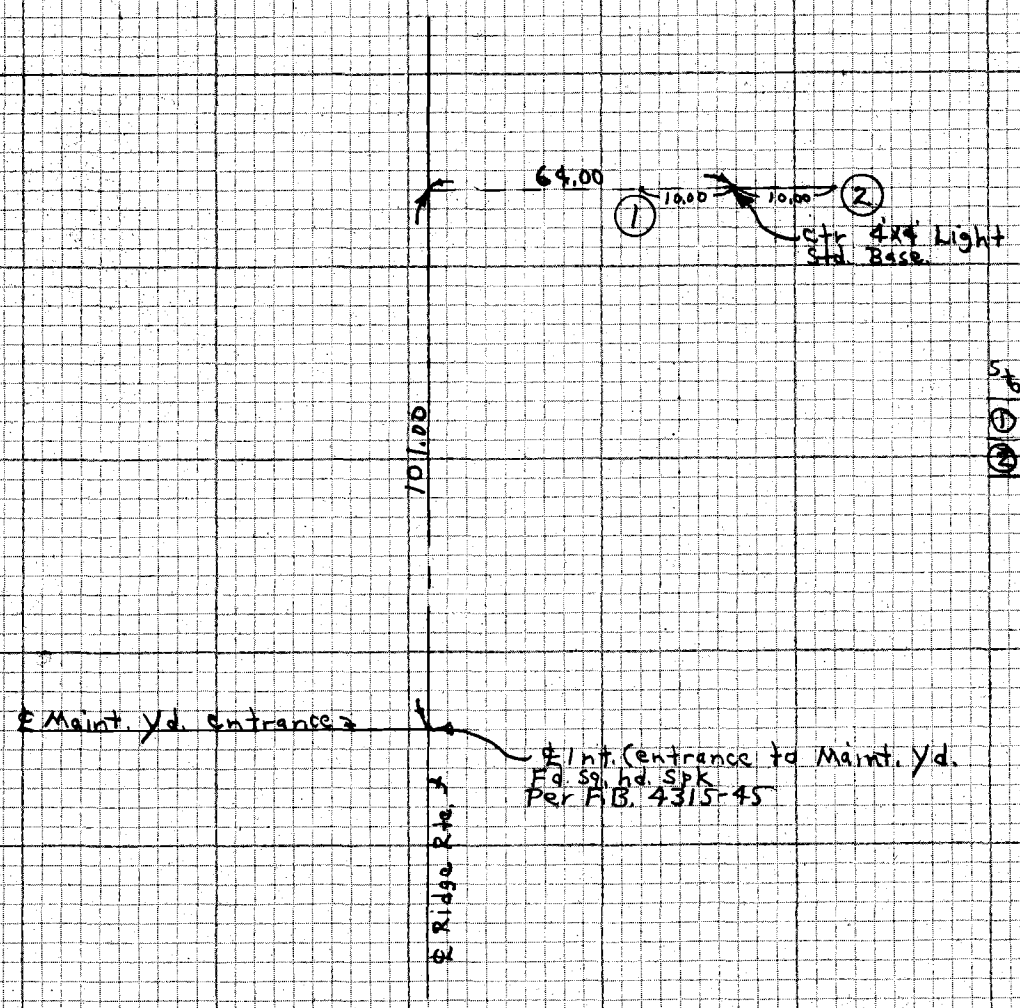


TBM "A" El. = 1232.42, F.B. 4315-50

Sta	Elev.	Fin Grd. Top Soil	Cor F Fin Grd.
1	1231.91	1231.80	F-0.11
2	1231.81	1231.80	F-0.01

Changed by Insp. 3-19-75

W'ly of Administration Bldg. Sht. #7



Sta	Elev.	Fin Grd. Top Soil	Cor F. Fin Grd.
1	1222.37	1223.20	F-0.83
2	1222.84	1223.20	F-0.36

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

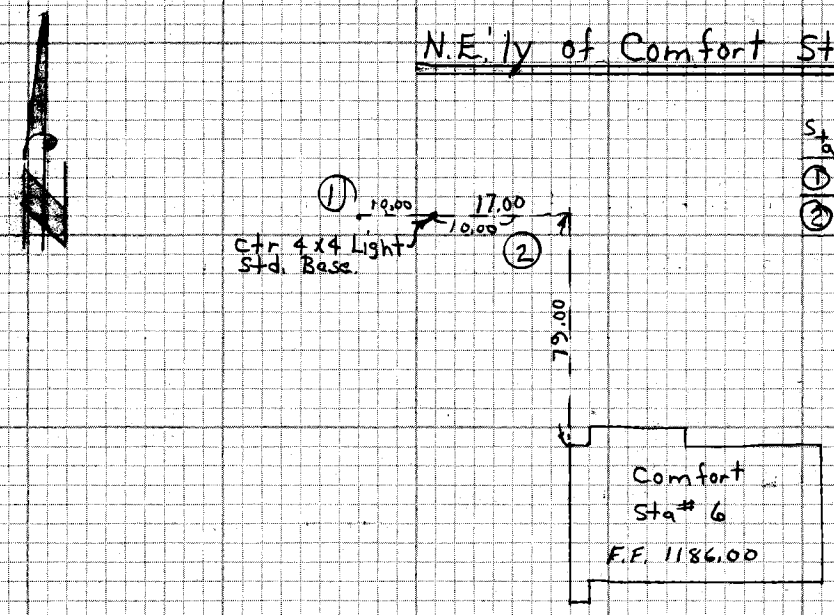
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4316 PG. 254

N.E.'ly of Comfort Sta# 6 L.A.Co. #6191 Sht #8

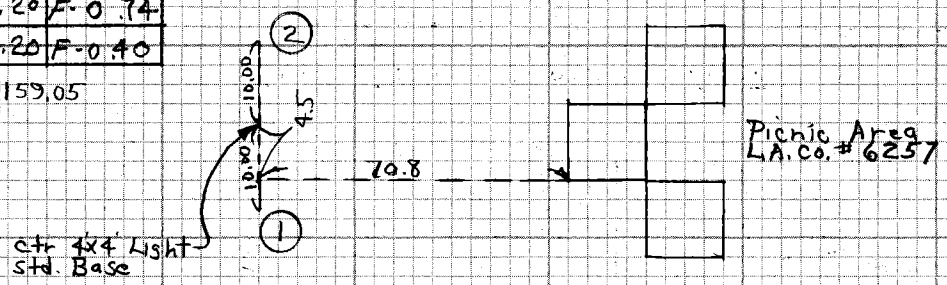
Sta	Elev.	Fin. Grd. Top Soil	C or F. Fin. Grd
1	1186.00	1188.48	F-2.48
2	1189.22	1188.48	C-0.74



N.'ly of N.E. Cor. DWR Property Sht# 8

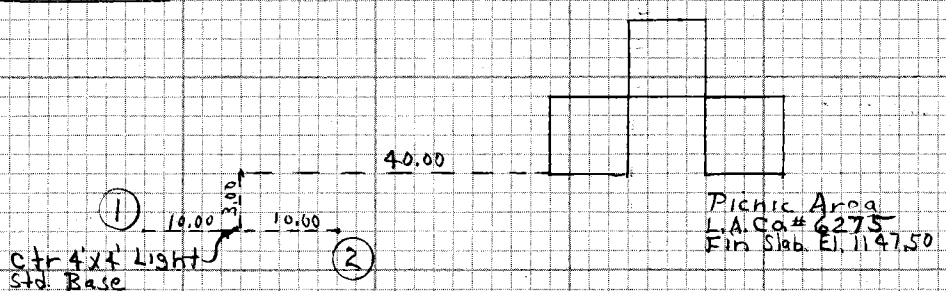
Sta	Elev.	Fin Grd Top Soil	C or F. Fin Grd.
1	1155.46	1156.20	F-0.74
2	1155.80	1156.20	F-0.40

BM CA-38, Elev. 1159.05
F.B. 4316-7



S.W.'ly of Comfort Sta# 8 L.A.Co. #6198, Sht #8

Sta	Elev.	Fin. Grd. Top Soil	C or F. Fin Grd.
1	1147.22	1147.50	F-0.28
2	1147.09	1147.50	F-0.41



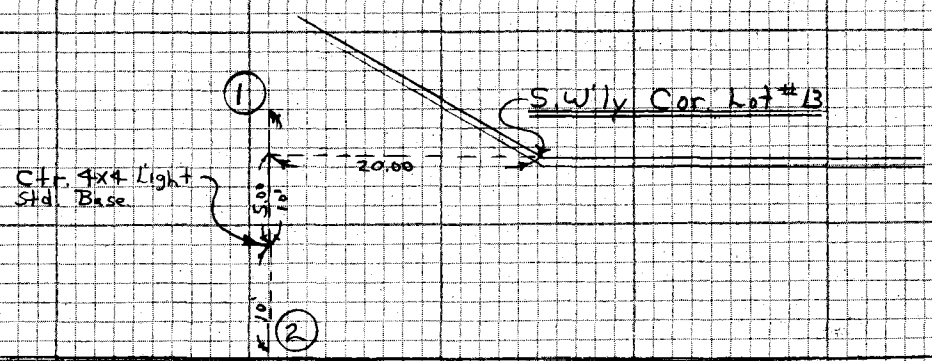
CE 310
76F3095-473
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 3-24-75
Date	Indexed

F.B. 4315 PG. 255

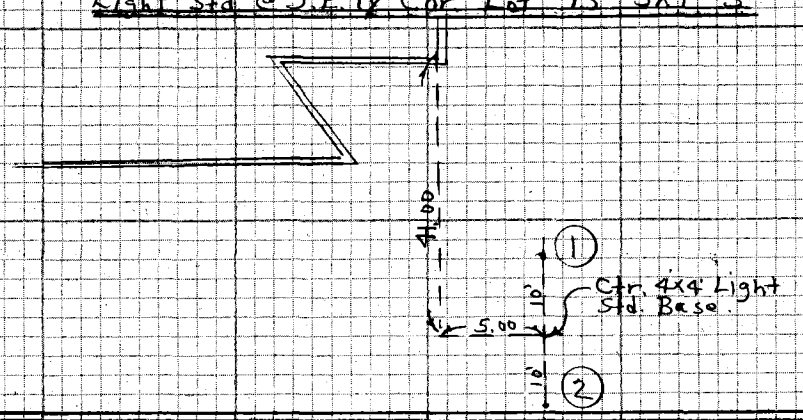
Light Std. @ S.W'ly Cor. Lot # 13, Sht # 5

Sta	Elev.	Fin. Grd. Top Soil	C or F. Fin. Grd.
1	1188.52	1188.80	F-0.28
2	1189.45	1188.80	C-0.65



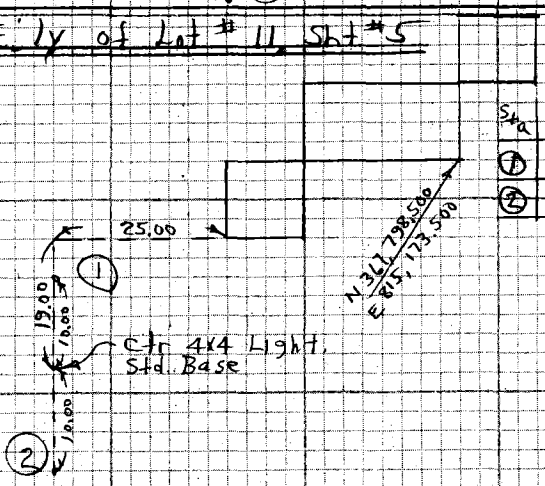
Light Std @ S.E'ly Cor Lot # 13 Sht # 5

Sta	Elev.	Fin Grd. Top Soil	C or F. Fin Grd.
1	1182.62	1181.20	C-1.42
2	1180.23	1181.20	F-0.97



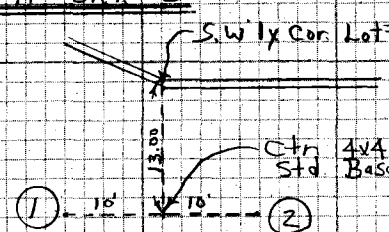
Light Std. @ S.E'ly of Lot # 11, Sht # 5

Sta	Elev.	Fin. Grd. Top Soil	C or F.
1	1173.47	1172.10	C-1.37
2	1172.43	1172.10	C-0.33



Light Std @ S.W'ly Cor. Lot # 11 Sht # 5

Sta	Elev.	Fin Grd. Top Soil	C or F.
1	1192.48	1192.50	F-0.02
2	1192.30	1192.50	F-0.20



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

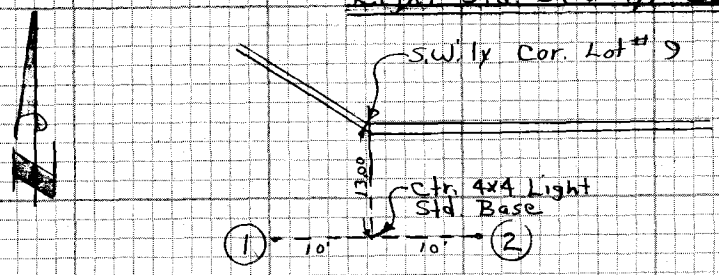
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

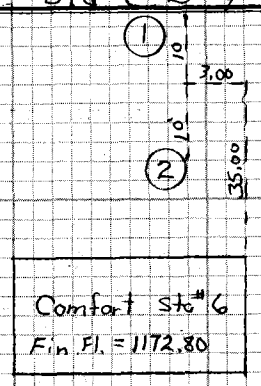
F.B. 4315 PG. 256

Light Std. S.W'ly Cor. Lot #9 Sht. #6



Sta	Elev.	Fin Grd. Top Soil	C or F
1	1186.87	1188.00	F-1.13
2	1187.54	1188.00	F-0.46

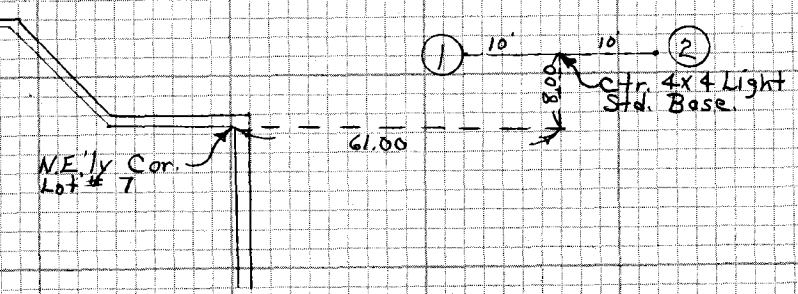
Light Std. @ E'ly end Lot #9 Sht #6



Sta	Elev.	Fin Grd. Top Soil	C or F
1	1175.55	1174.50	C-1.05
2	1174.22	1174.50	F-0.28

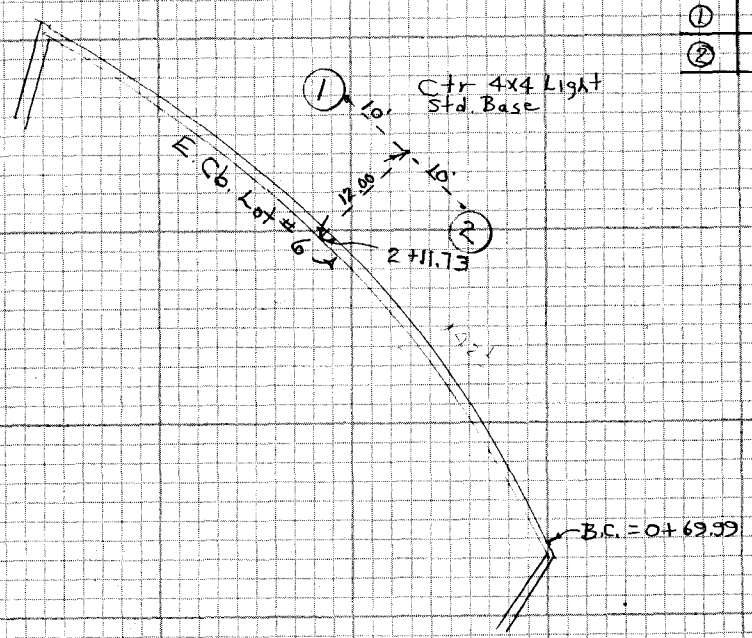
Light Std. E'ly of Lot #7, Sht #6

Sta	Elev	Fin Grd. Top Soil	C or F.
1	1178.46	1178.20	C-0.26
2	1175.42	1178.20	F-2.78



Light Std. Base E'ly of Middle Lot #6, Sht. #6

Sta	Elev.	Fin Grd. Top Soil	C or F
1	1193.62	1193.60	C-0.02
2	1192.60	1193.60	F-1.00



CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

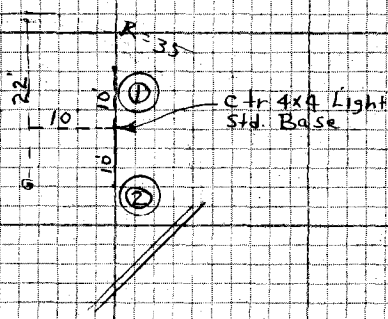
Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 3540.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 3-25-75
Date	Indexed

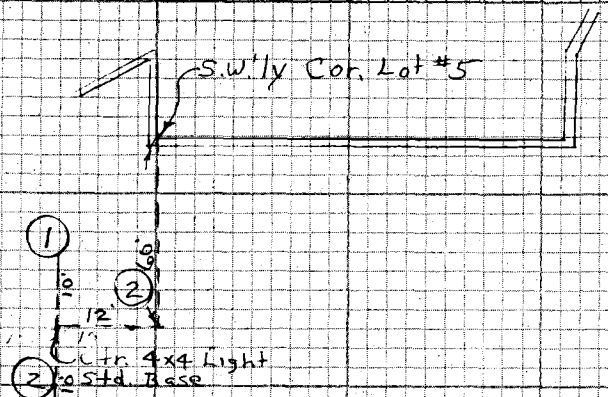
F.B. 4315 PG. 257

Light Std. Base @ N.E'ly Cor Lot #5, Sht # 7



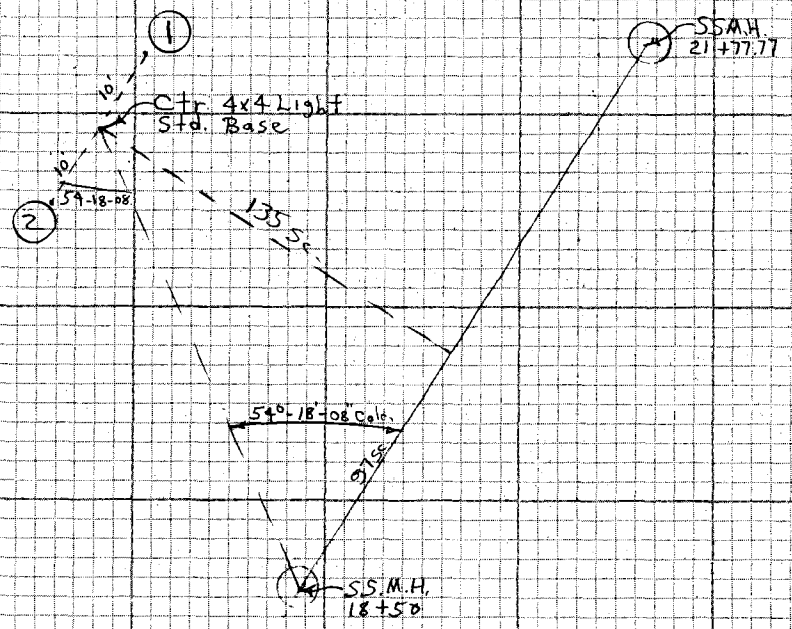
Sta	Elev.	Fin Grd Top Soil	Cor F
①	1192.47	1191.60	C-0.87
②	1190.52	1191.60	F-1.08

Light Std. Base @ S.W'ly Cor Lot #5, Sht # 7



Sta	Elev.	Fin Grd Top Soil	Cor F.
①	1176.55	1175.00	C-1.55
②	1177.46	1175.00	C-2.46

Light Std Base E'ly of Overlook (On Lower Level) N-365,265 E 815,704 Sht # 8



Sta	Elev.	Fin Grd. Top Soil	C or F
①	1172.28	1172.90	F-0.62
②	1172.65	1172.90	F-0.25

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

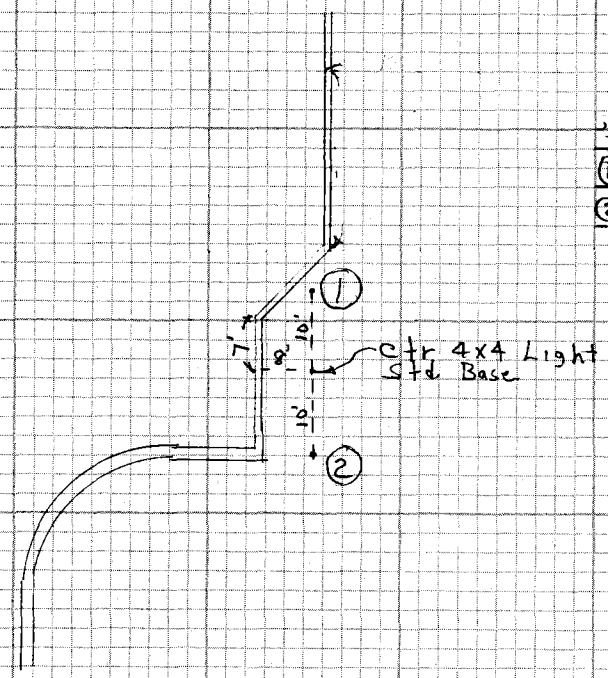
Do not extend note this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

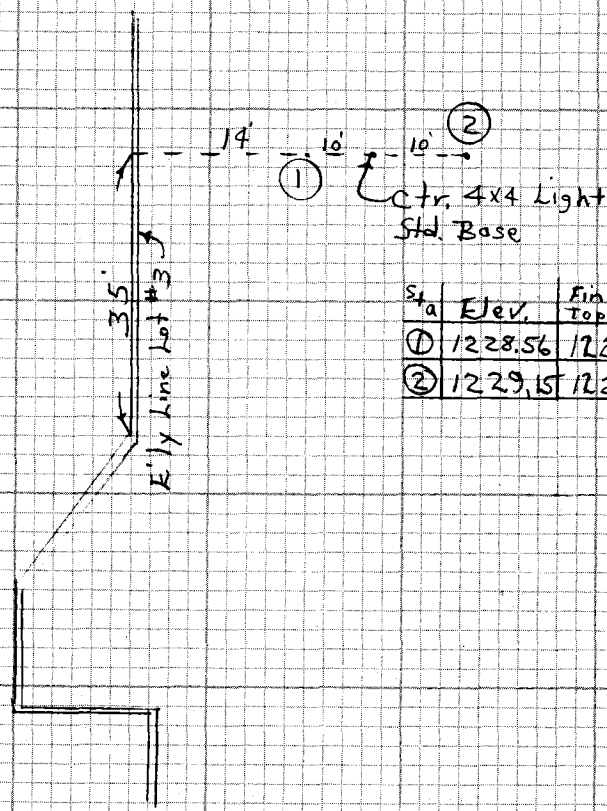
F.B. 4315 PG. 258

Light Std. Base @ S.E'ly Cor. Lot #1, Sht #9



Sta	Elev.	Fin Grd. Top Soil	C or F.	
1	1147.92	1147.13	F-0.01	✓
2	1146.58	1147.13	F-0.55	✓

Light Std. Base E'ly of Lot #3 Sht #7



Sta	Elev.	Fin Grd. Top Soil	C or F	
1	1228.56	1229.50	F-0.94	
2	1229.15	1229.50	F-0.35	

CE 310
76F3095-4/73

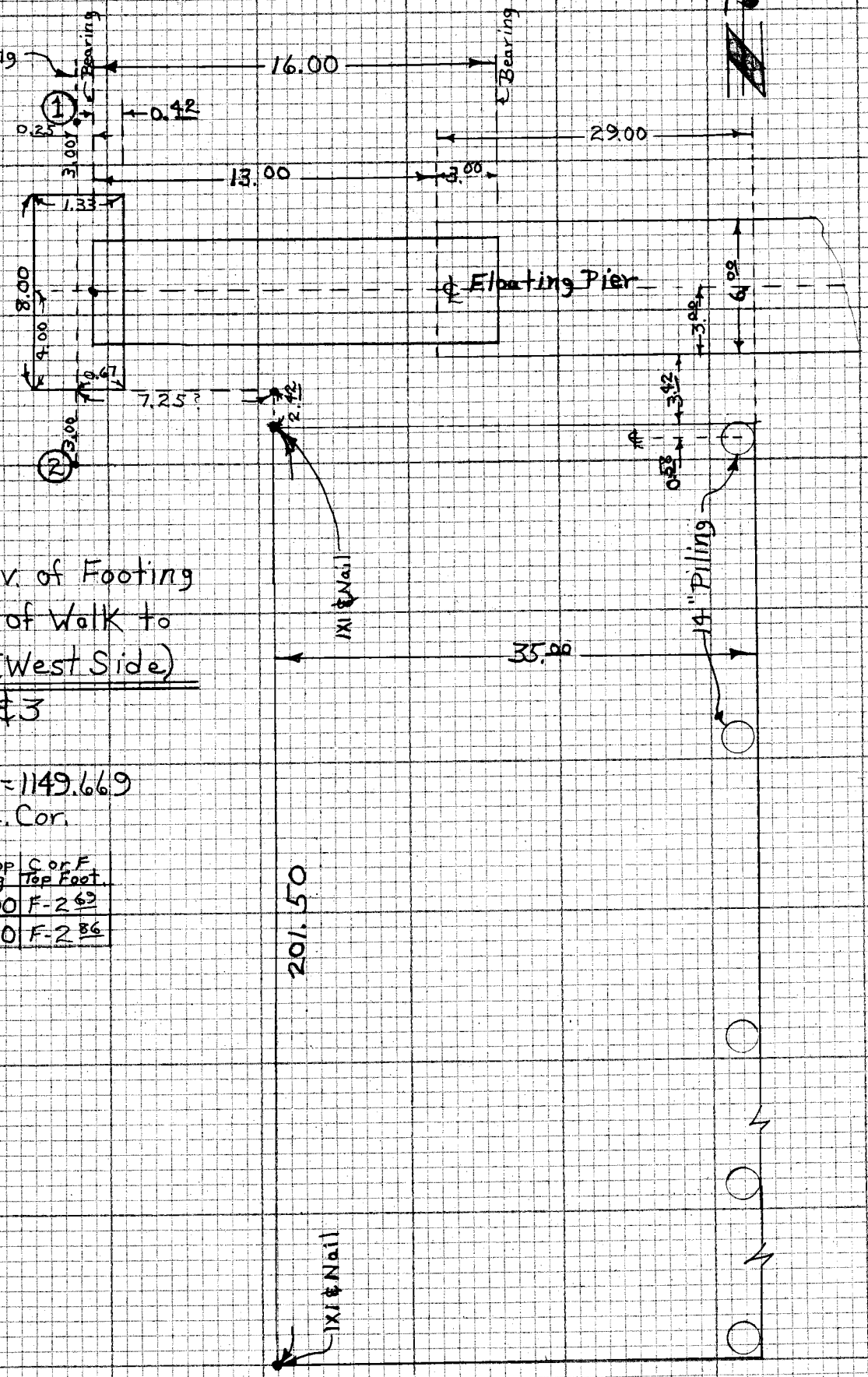
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date
Date	Indexed

F.B. 4315 PG. 259



Location & Elev. of Footing for Hinge Pt. of Walk to Floating Pier (West Side)

See Shts 2 & 3

B.M. C.A. 35, El. = 1149.669
F.B. 4316-7, 2" I.P. S.E. Cor.
D.W.R. PROP.

Sta	Elev.	Elev. Top Footing	C or F Top Foot.
1	1137.31	1140.00	F-2 $\frac{63}{}$
2	1137.14	1140.00	F-2 $\frac{86}{}$

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend note this side of this line

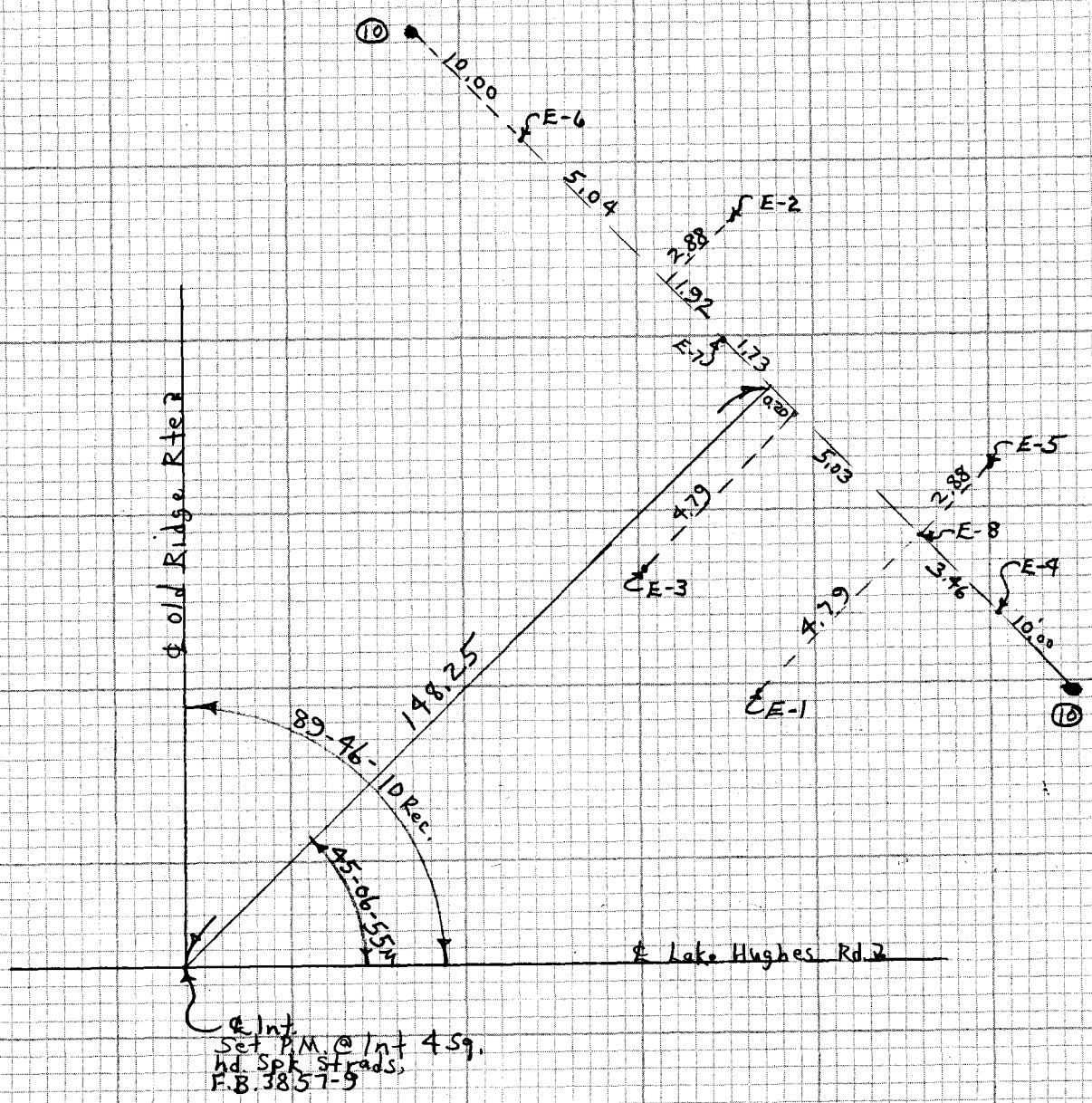
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3095-4/73

F.B. 1315 PG. 260

Location of Main Park Sign

Per Shop DWG #E-01699-T, Sht 1 of 2



CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exten... notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 261

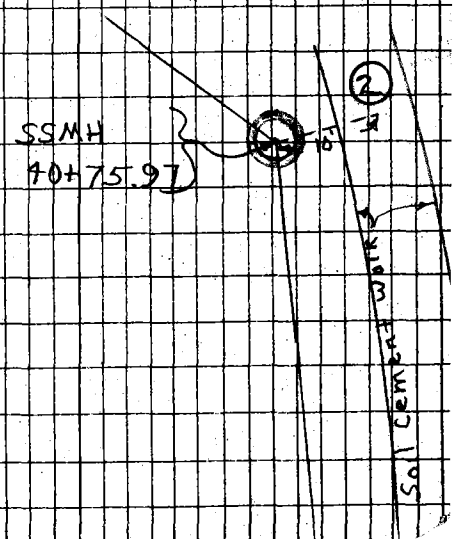
DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B DATE 5-28-75

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	
		Elevation Check on SSMH @ 32+73.09 & Adjacent Walk			
BM CA-42				1173.851	BM CA-42, El. = 1173.851, 1" I.P. Spk & Conc. @ S.E. Cor Park Lot #5
SS.M.H. 32+73.09, M.H. Lid (Exist)				1155.10	Grd. for M.H. Lid, Per Profile Sht# 24 = 1154.3
①	Walk Sub Grd. (Exist)			1159.1	

		Elevation Check on SSMH @ 40+75.97 & Adjacent Walk			
T.B.M.				1172.305	TBM, Elev. = 1172.305, Spk No. side Cottonwood
SS.M.H. 40+75.97, M.H. Lid (Exist)				1161.5	Grd for M.H. Lid, Per Profile Sht# 24 = 1161.3
②	Walk Sub-Grd. (Exist)			1161.9	



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 262

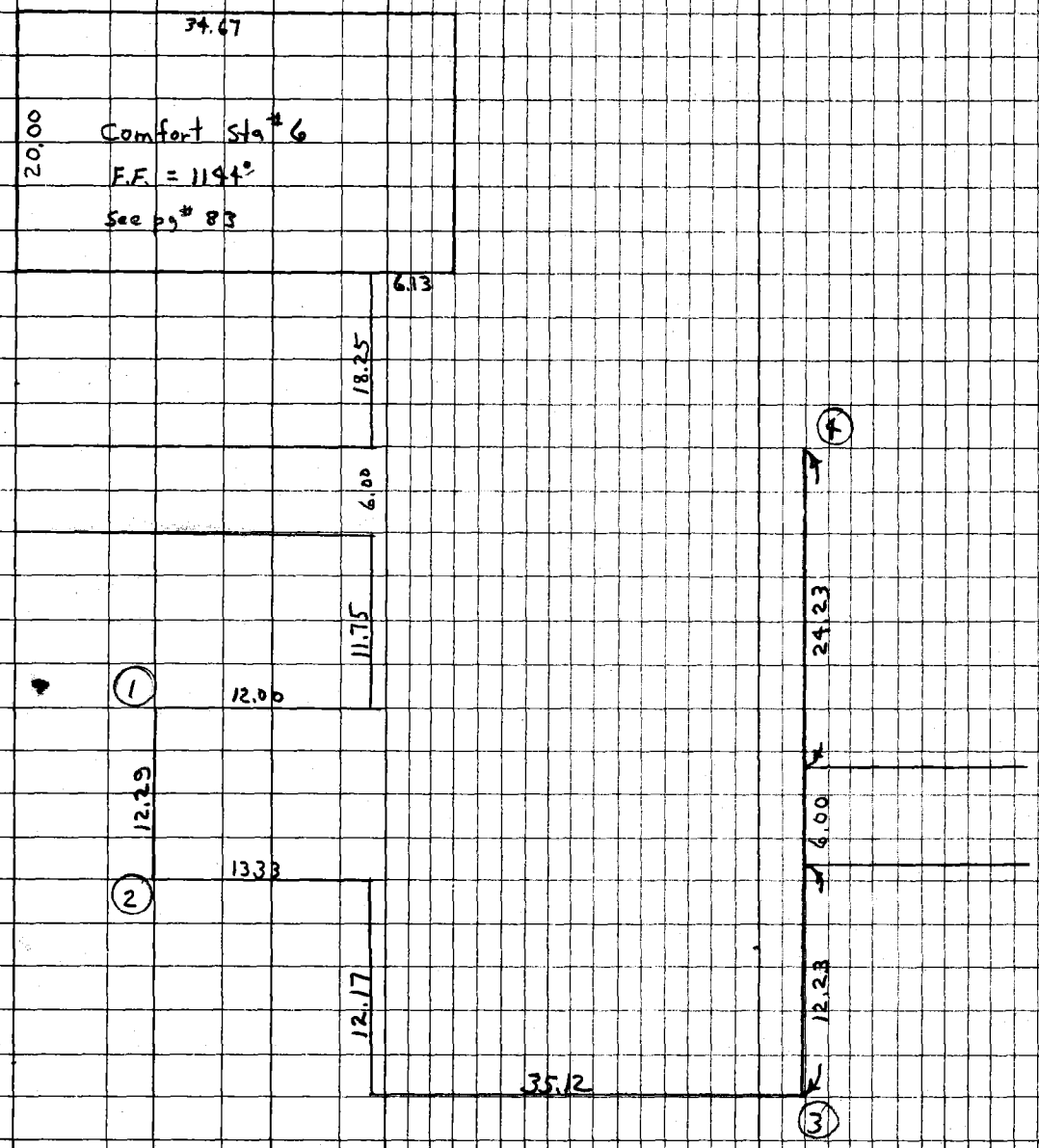
JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.



Sta	Elev	Grnd Grade	C or F Grd Grade
1	1143.89	1143.00	C-0.89
2	1144.24	43.00	C-1.24
3	1142.50	1142.00	C-0.50
4	1142.27	42.00	C-0.27

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 6-19-75

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 263

STATION	B.S.	H.I.	F.S.	ELEV.		
	Grades for Slope So. & E. of Administration Bldg.					
TBM				1237.08	TBM. El. = 1237.078, F.B. 4315-60, 2" I.P.	
					Spk & Grd. Top Cut	Conc. Corr. Top cut
1+00	edge plan wk			—		
27' Lt.	exist. Walk.			1229.67		
1+50	edge Plan wk			—		
13' Lt.	exist. walk			1229.50		
2+03	10' off Top cut.			1230.96	1230.18	C-0.78
24.5 Lt.	exist. wk			1229.83		
2+56.8	10' off Top cut			1230.52	1230.38	C-0.14
7.5 Lt	exist. wk			1230.20		
3+08	10' off Top cut			1230.15	30.43	F-0.28
9.5 Lt.	exist. wk			1230.23		
3+50	10' off Top cut			1230.69	30.33	C-0.36
15.5 Lt.	exist wk			1230.07		
4+00	10' off Top cut			1230.41	30.70	F-0.29
2.5 Lt.	exist. wk.			1230.57		
4+50	6 off Top cut			1230.90	30.96	F-0.06
3.8 Rt.	exist. wk			1230.90		
5+00	10 off Top cut			1230.80	31.17	F-0.37
2° Lt.	exist wk.			1231.05		
5+50	10' off Top cut			1230.69	31.31	F-0.62
17° Lt.	exist. wk			1231.04		
6+00	10' off Top cut			1229.95	30.42	F-0.47
24.6 Lt.	exist. wk			1230.07		
6+50	10' off Top cut			1230.36	30.11	C-0.25
25° Lt.	exist. wk			1229.76		
7+00	10' off Top cut			1230.44	30.31	C-0.13
20° Lt.	exist. wk			1230.01		
7+50	10' off Top cut			1230.57	1230.42	C-0.15
14° Lt.	exist. wk.			1230.18		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 264

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of	F. B.	Pg.
Map No.	JN Tape Std °F		
Office Work	Surveyed by		
Checked	Notes Date		
Date	Plexed		

			Fin Pvmt		Top W.L.	diff.	New Fin Pvmt	
		3+57.79	1146.86	8.21			48.64	48.44
		17.21	46.78	3+66	44.27	-2.51 48.56		
		+75	46.70	9			48.47	48.27
	009606	4+00	46.46		44.26	-2.2	48.23	48.02
151.99		+25	46.22	12			47.99	47.77
			46.10	4+37	44.50	-1.6 47.87		
		+50	45.98	13			47.75	47.52
		+75	45.74		44.71	-1.03	47.51	47.27
		34.78		34				
	5	+09.78 B.C.	45.40				47.17	46.92
		15.22		15				
Δ=17.16	5	+25	45.27		44.90	-0.37	47.02	46.77
R=278		32.99		33				
L=23.465		+57.99	44.96		44.32	-0.64	46.70	46.44
		24.12		24				
	5	+82.11	44.74				46.47	46.20
		24.11 23.45						
	6	+06.22	44.52		43.71	-0.81	46.24	45.96
		24.11						
	6	+30.33	44.29	14.67			46.01	45.72
		24.10	44.15	6+45	43.93	-0.22 +45.87		45.57
	6	+54.43	44.07	9.43			45.78	45.48
		24.11						
	6	+78.54	43.85				45.55	45.24
		24.11						
	7	+02.65	43.62	7.35			45.32	45.02
		17	43.55	7+10	40.68	-2.87 45.25		
	7	+19.65	43.46	9.65			45.15	44.83
		17						
31.09	7	+36.65	43.30		40.49	-2.81	44.98	44.66
		19.22						
	7	+50.87 E.C.	43.15	11.13			44.84	44.52
		31.09	43.00	7+62	40.00	-3.00 44.73		
.013571	7	+81.96	1142.73	19.96			44.52	44.20
					utility Exist Grd.	Plan cb Grd. ℄ Exist Util.		
	℄	M.H. 3+14.68	- 4' West		1147.19	47.56		
		F.H. 5+92.30	2' East.		1145.80	45.15		
	℄	2x3 Elect. Box 7+14.65	2 East		1144.05	44.01		
		3+57.79 to 7+81.96 = .00973666'						

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

761 266 C#

LOS ANGELES COUNTY **LETTERGRAM**

To Survey Party Chief Burkholder

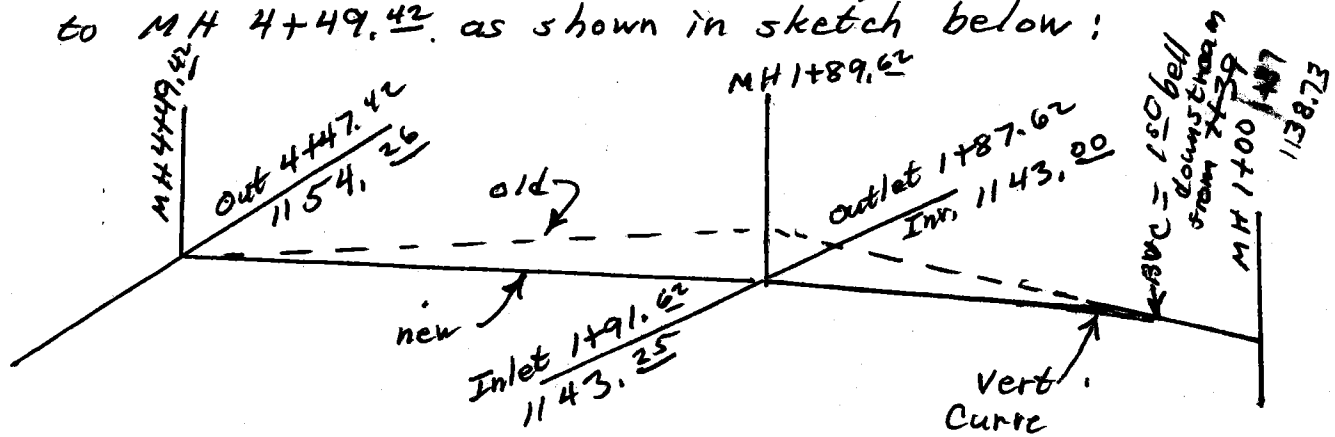
From Inspector Dennis Dee

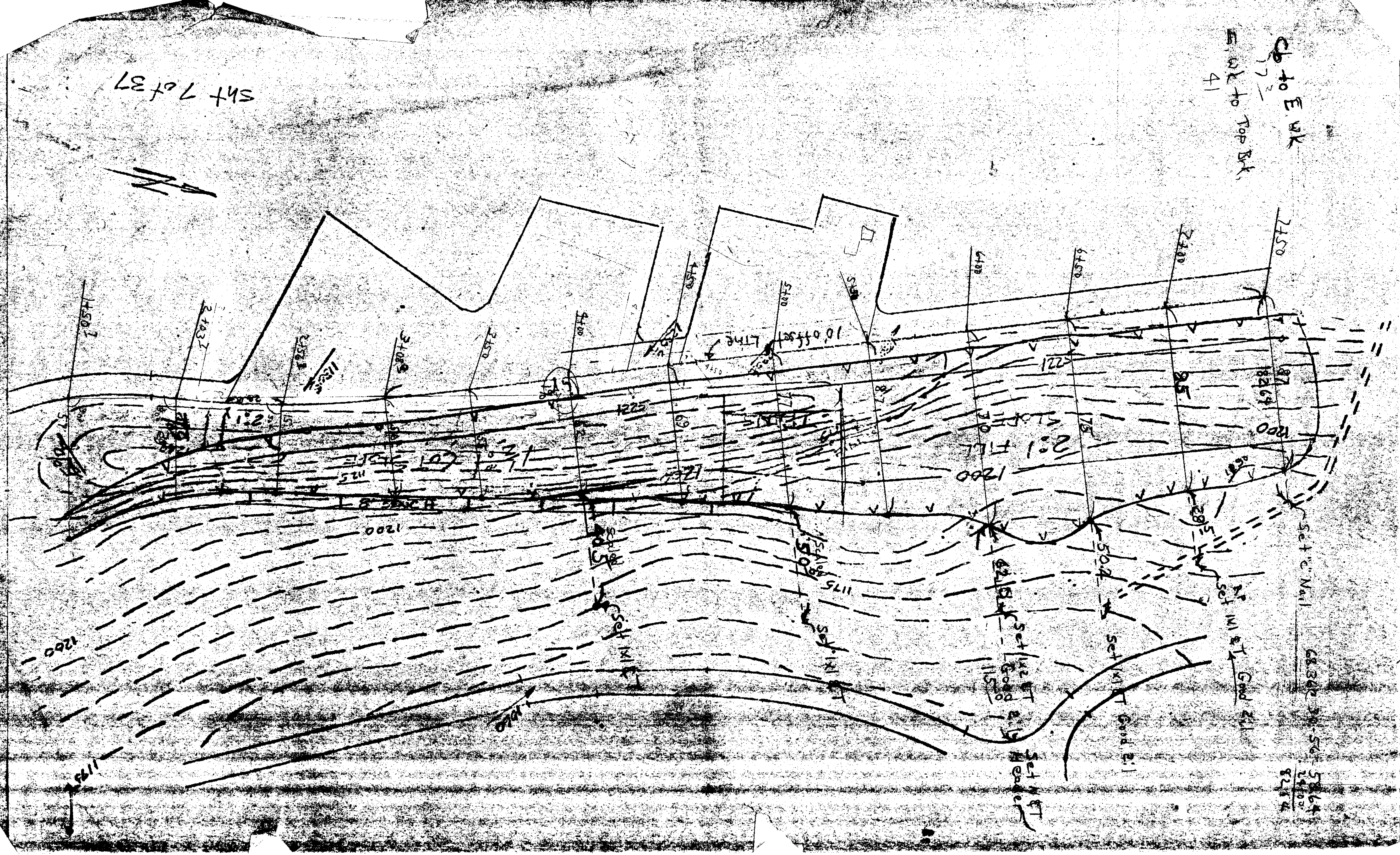
Date 31 July 74

Subject Change in sewer design.

No.

1. Restake S.S. sht. 26 in area of new S.S. MH 1+89.62. S.S. will be replaced from 1st bell downstream from 1+39 to MH 1+89.62 and redesigned from MH 1+89.62 to MH 4+49.42 as shown in sketch below:

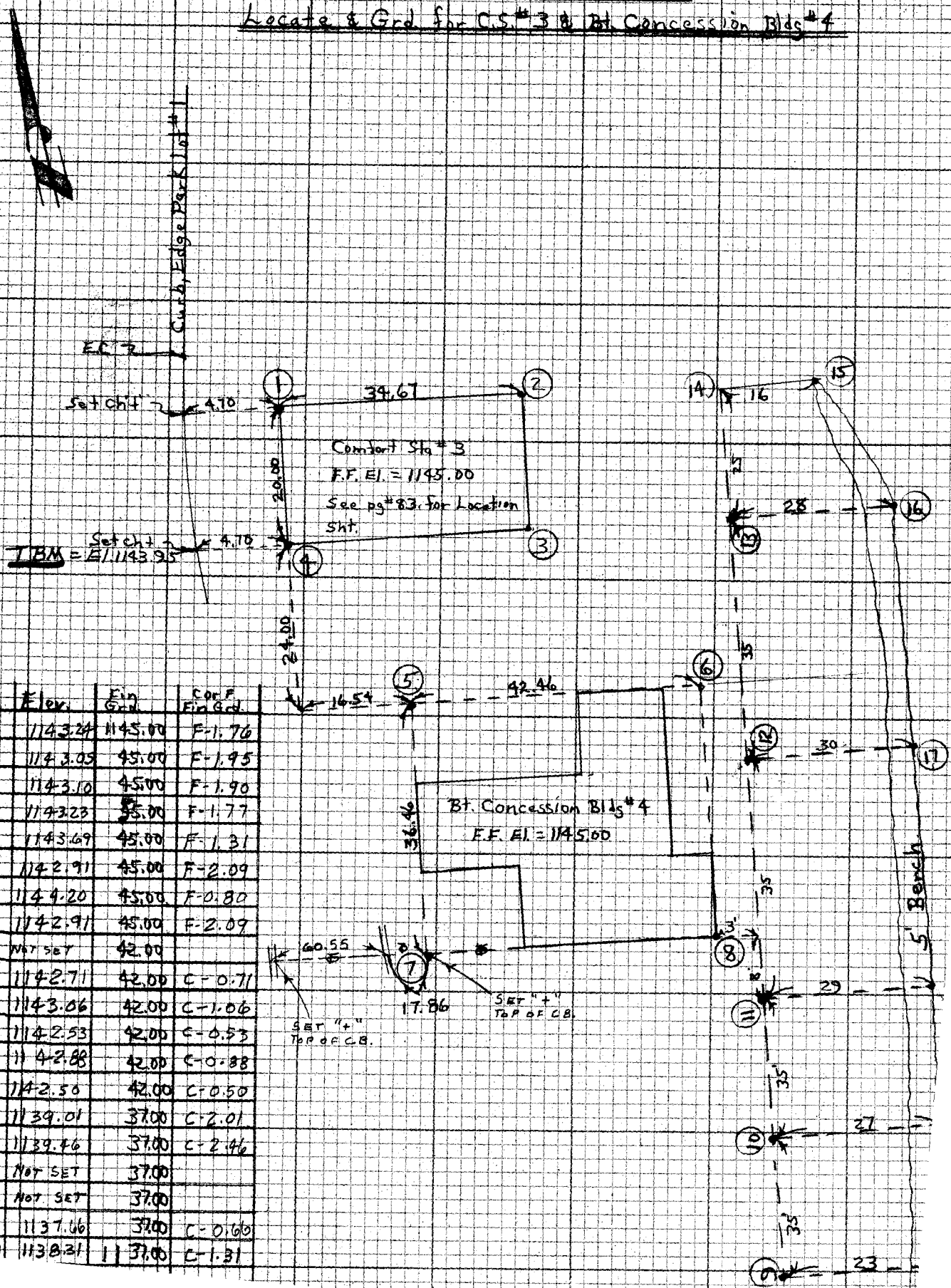



sht 7 of 37
2:1 FILL
10' offset Line
Set "c" Nail

Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 9940.02 Tape Sta °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-6-75
Date	Indexed

F.B. 4315 PG. 265

Locate & Grd. for C.S. #3 & Bt. Concession Bldg #4



Sta	Elev.	Fin Grd.	C or F Fin Grd.
1	1143.24	1145.00	F-1.76
2	1143.05	45.00	F-1.95
3	1143.10	45.00	F-1.90
4	1143.23	45.00	F-1.77
5	1143.69	45.00	F-1.31
6	1142.91	45.00	F-2.09
7	1144.20	45.00	F-0.80
8	1142.91	45.00	F-2.09
9	NOT SET	42.00	
10	1142.71	42.00	C-0.71
11	1143.06	42.00	C-1.06
12	1142.53	42.00	C-0.53
13	1142.88	42.00	C-0.88
14	1142.50	42.00	C-0.50
15	1139.01	37.00	C-2.01
16	1139.46	37.00	C-2.46
17	NOT SET	37.00	
18	NOT SET	37.00	
19	1137.66	37.00	C-0.66
20	1138.31	1137.00	C-1.31

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
E 310
76F3095-4/73

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

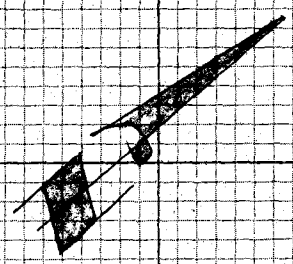
B. _____ PG. _____

1185.837

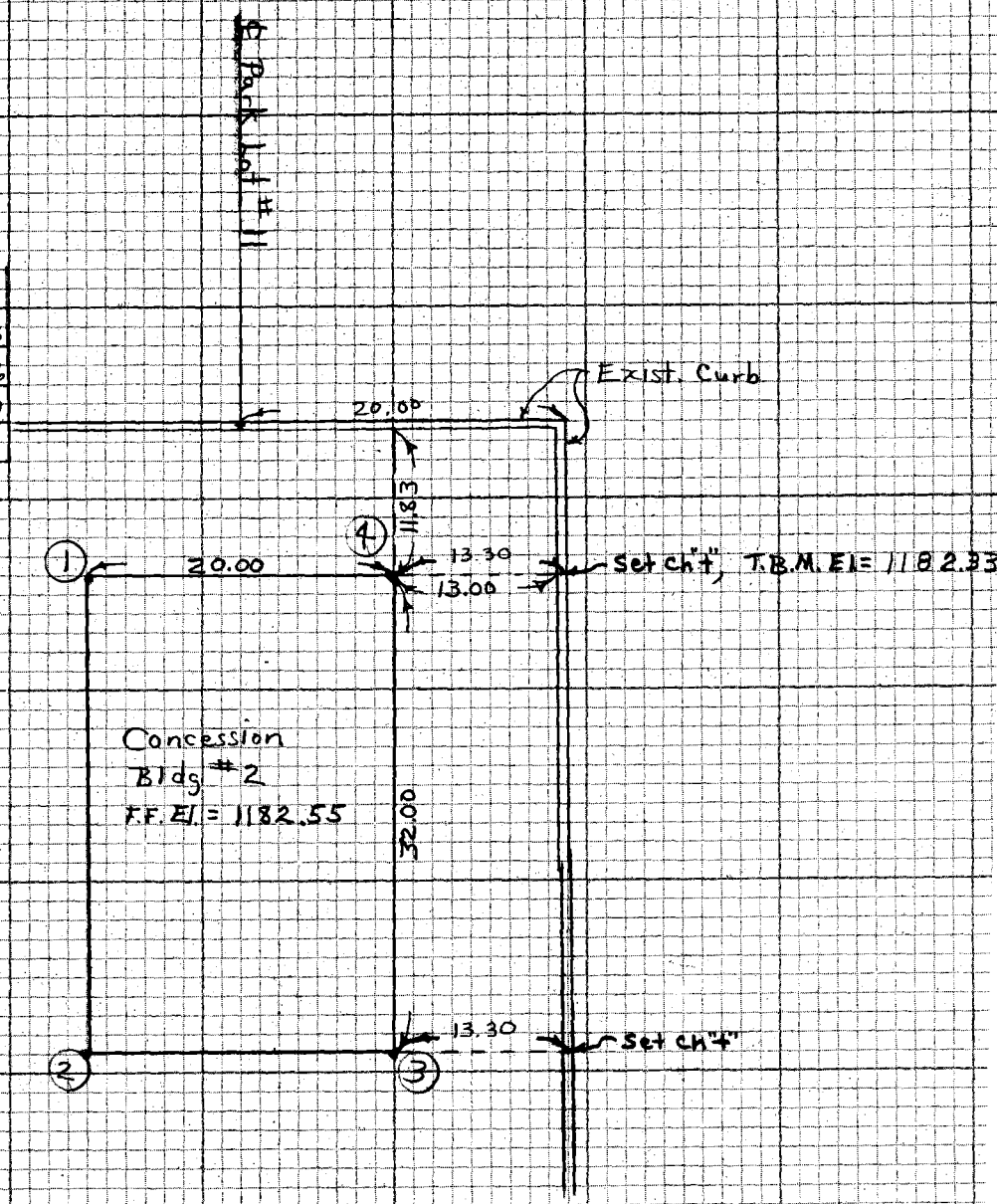
Notes Ck'd by	Survey of Castaic Afterbay
Map No.	JN 5540.02 Tape Sta °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 8-7-75
Date	Indexed

F.B. 4315 PG. 267

Location & Grd. Concession Bldg. #2, East End Lot #11



Sta	Elev.	Fin. Grd.	Cor E Fin Grd
1	1181.70	1182.55	F-0.85
2	1181.49	82.55	F-1.06
3	1181.46	82.55	F-1.09
4	1182.18	82.55	F-0.37



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

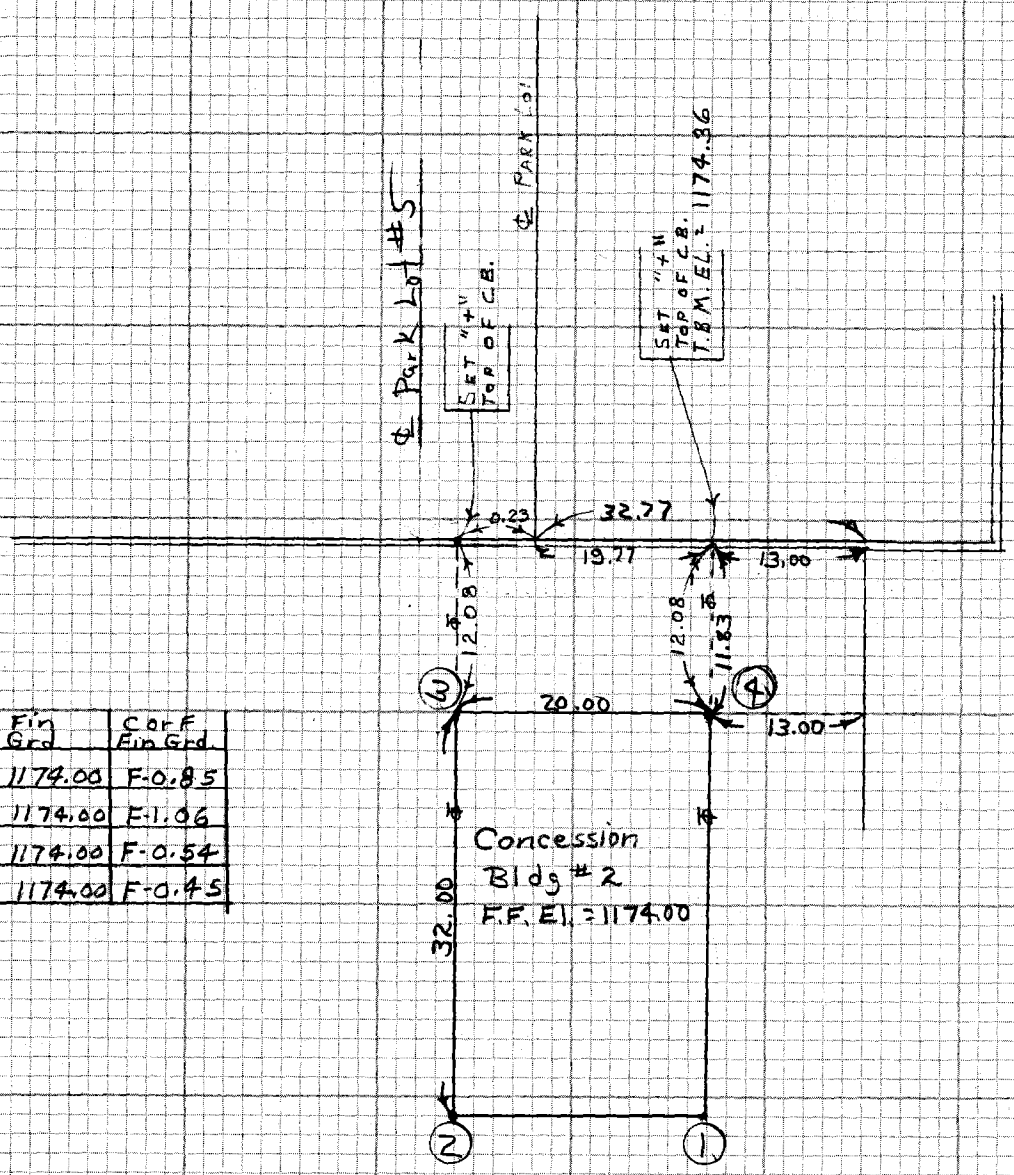
Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4315 PG. 268

Locate & Grd. Concession Bldg #2, So. end Park Lot #5



Sta	Elev	Fin Grd	C or F Fin Grd
1	1173.15	1174.00	F-0.85
2	1172.94	1174.00	F-1.06
3	1173.46	1174.00	F-0.54
4	1173.55	1174.00	F-0.45

CE 310
76F3095-4/73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not exceed notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. _____ PG. _____

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. PG.

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTED RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 269

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 10-22-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Sewer Grades
on
10" C.I.P. force Main on Lake Hughes Rd
from: Exist M.H. = 0+77.84 @ Int. Old Ridge Rte & Lake Hughes Rd.
to: 9+67.78 @ Pump Sta #1

SPK & Tin Set 8' Lt. & No. 0+77.84 to 2+00
SPK & Tin Set 8' Lt & No. 2+00 to

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 270

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B DATE 10-22-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.			
M CA-1				1165.51	BM. CA-1, El. = 1165.511, F.B. 4316-12, Prop. Cor Old Ridge Rte. 952' No. of Int. Lake Hughes Rd. & 50' E. & Old Ridge Rte. A 1" I.P. w/wood Plug & Nail, 12" Below Surface. F.B. 3857-19		
					% Grade	Cut	
0+77.84	M.H. (Exist)						
0+79.84				1162.63	1149.57	13.06	
0+81.84				1162.64	1149.71	12.93	
1+00				1162.71	1151.01	11.70	
+25				1162.42	1152.80	9.62	
1+53.00				1162.11	1154.81	7.30	
1+55.00	M.H.						
1+57.00				1162.05	1154.87	7.18	
1+75				1161.74	1154.48	7.26	
2+00				1161.18	1153.94	7.24	
+25				1160.41	1153.40	7.01	
+50				1157.47	1152.86	5.61	
+75				1158.57	1152.32	6.25	
3+00				1158.12	1151.78	6.34	
+25				1157.87	1151.24	6.63	
+50				1157.58	1150.70	6.88	
+75				1157.17	1150.16	7.01	
4+00				1156.77	1149.62	7.15	
+25				1156.29	1149.08	7.21	
+50				1155.94	1148.54	7.40	
+75				1155.60	1148.00	7.60	
5+00				1155.02	1147.46	7.56	
+25				1154.48	1146.92	7.56	
+50				1154.11	1146.38	7.73	
+75				1153.76	1145.84	7.92	
6+00				1153.65	1145.30	8.35	
+25				1153.18	1144.76	8.42	
+50				1152.58	1144.22	8.36	
+75				1152.01	1143.68	8.33	
7+00				1151.09	1143.14	7.95	
+25				1150.58	1142.60	7.98	
+50				1149.87	1142.06	7.81	
+75				1149.42	1141.52	7.90	
8+00				1148.90	1140.98	7.92	
+25				1148.50	1140.44	8.06	

7.1% 2.1%

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 371

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 10-22-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	
8+32.78	≠ Pt.			1148.40		1140.27	8.13	Stk & T, 8' Lt. & No.
8+71.78	℄ St.			48.95		1139.53	9.42	
8+96.78				48.55		1139.05	9.50	
9+03.48	Cross 8" C.I.P. Grd. Brk					1138.92		
9+36.78				49.44		1139.04	10.40	
9+67.78						1139.15 Act.		
B.M. CA-35						BM CA-35, El. = 1149.669, F.B. 3857-20 & 85 Prop. Cor. & Pt. Lake Hughes Rd. E'ly R Dept Water Res. Hdqtrs. 50' N'ly of ℄ Lake Hughes Rd A 2" I.P. Conc. Plug & C.E. Tag		

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 272

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-16-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 273

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Sewer Grades Plan Sht 22-

From: MH.@ 0+34.10E = 2+00 No. (@ Pump Sta. #1)

to: MH@ 2+10.4± (Exist. 8" V.C.P along Lake Hughes Rd.

Spikes
Stakes & Tin Set 10' Rt. & So. (0+34.10 to 1+00)
" " " & W. (1+00 to 2+10.4±

From: 2+00 No. = 0+34.10E (@ Pump Sta. #1)

to:

Spikes
Stakes & Tin Set 10' Rt. & E'ly

Burkholder
Bessley
Baxeth
Wensel
Dragorich

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 274

JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D. LB DATE 7-16-74 NOTES CHKD.
INDEXED DATE DATE

Plan Sht. # 22

STATION	B.S.	H.I.	F.S.	ELEV.		Sta. Grade	Cut to Invert	M.H. Grade	Cut or Fill to M.H.	Stake & Tin 10' Rt. & So.
M.CA-35				1149.67	BM. CA-35, Adj. El. = 1149.669, F.B. 3857-85 Property Cor, Angle Pt. Lake Hughes Rd. E'ly P/L of Dept. of Water Resources Hdqtrs. Bldg. 50' N'ly & Lake Hughes Rd. A 2" I.P. w/ conc. Plug & C.E. Tag					
0+34.10	M.H.									
0+36.10				1148.87		1129.88	18.99			Stk & Tin
0+38.10				1148.84		1130.08	18.76			Stk & Tin
0+50				1148.50		1131.27	17.23			Stk & Tin
0+75				1147.69	10%	1133.77	13.92			Stk & Tin
0+94 4" Y to N.E.										
0+96.00				1148.29		1135.87	12.42			Stk & Tin
0+98.00				1148.14		1136.07	12.07			Stk & Tin
1+00.00	M.H.							1148.7		
1+02.00				1148.59		1136.46	12.13			Stk & Tin 6' Rt. & West.
1+04.00				1148.59		1136.55	12.04			Stk & Tin
1+25				1148.47		1137.53	10.94			Stk & Tin
1+50				1148.17	4.68%	1138.70	9.47			Stk & Tin
1+75				1147.46		1139.87	7.59			1x2 Stk & Tin
2+00				1146.96		1141.04	5.92			Stk & Tin
2+06 7±				1147.14		1141.36	5.78			Stk & Tin
2+08 7±				1147.24		1141.45	5.79			Stk & Tin
2+10 7±	M.H. C.E. Exist. 8" V.C.P.									
+69.41	Pump Sta. Inlet					1129.02				Stake & Tin 10' Rt. & E'ly
+77.44						1129.03				
+96.00										
98.00										
00.00	M.H.							1148.7		
+02.00				1148.65		1129.45	19.20			Stk & Tin
+04.00				1148.60		1129.46	19.14			"
+25				1147.68		1129.57	18.11			"
+50				1147.71		1129.70	18.01			"
+75				1147.83	5.29%	1129.83	18.00			"
[illegible]				1148.43		1129.96	18.47			1x2 Stk & Tin
+25				1148.31		1130.09	18.22			Stk & Tin
+50				1147.75		1130.22	17.53			"
+75				1147.45		1130.35	17.10			

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 5940.02 SURVEY OF Castaic Afterbay F.B. 4315 PG. 275

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-16-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut to Invert	M.H. Grade	Cut or Fill to M.H.	Stk & Tin, 10' Rt. & E'ly
						Plan Sht. #22				
3+98.00				1147.04	5%	1130.47	16.57			Stk & Tin 16' Rt. & E'ly
4+00.00 BM CA#36	M.H.					1143.60	—	1147.17		"
4+02.00				1147.31		1130.57	16.74			1x2 & tin
+25				1146.75		1130.69	16.06			1x2 & tin
+50				1146.34		1130.82	15.52			1x2 & tin
+75				1146.06		1130.95	15.11			1x2 & tin
5+00				1145.65		1131.08	14.57			SPK & tin
+25				1145.37		1131.21	14.16			"
+50				1145.20		1131.34	13.86			"
+75				1144.97		1131.47	13.50			"
6+00				1144.91		1131.60	13.31			"
+25				1144.84		1131.73	13.11			"
+50				1144.51		1131.86	12.65			"
+75				1144.21		1131.99	12.22			"
6+98.81	"Y" E'ly					—	—			
7+00				1143.90		1132.12	11.78			"
+25				Not set		1132.25	—			"
7+26.81 BM 1143.596				1143.51		1132.26	11.25			Stk & T, 16' Rt & E'ly
7+28.81	M.H.					—	—	1143.73		10' Rt
7+30.81				1143.45		1132.36	11.09			SPK & tin
+50				1143.15		1132.45	10.70			"
+75				1142.66		1132.57	10.09			"
7+96.81	"Y" E'ly			—		—	—			SPK.
8+00				1142.27		1132.69	9.58			SPK & tin
+25				1141.96		1132.81	9.15			"
+50				1141.61	0.48%	1132.93	8.68			1x2 & tin
+75				1141.31		1133.05	8.26			SPK & tin
9+00				1141.37		1133.17	8.20			"
+25				1141.69		1133.29	8.40			1x2 & tin
+50				1142.26		1133.41	8.85			SPK & tin
+75				1142.21		1133.53	8.68			"
10+00				1141.58		1133.65	7.93			"
+25				1141.53		1133.77	7.77			"
10+44.96				1141.75		1133.87	7.88			1x2 & tin
10+46.96 N'ly = 1+00 W'ly	M.H.			1141.50		—	—	1143.9	F 2.4	CA-38 [illegible] 1253.05 N.E. Cor. [illegible]
10+48.96				1141.75		1133.97	7.78			1x2 [illegible]
+50				Not Set		—	—			
+75				1141.30	0.36%	1134.06	7.24			[illegible]
11+00				1140.72		1134.15	6.57			

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 276

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-17-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut to Invert	M.H. Grade	Cut or Fill to M.H.	
11+25				1140.88		1134.24	6.64			10" PT. SPK & Tin
+50				1142.82		1134.33	8.49			"
+75				1143.54	0.36%	1134.42	9.12			1x2 & Tin
12+00				1144.11		1134.51	9.60			1x2 & Tin
12+08.96	"Y" E'ly									SPK.
+25				1144.07		1134.60	9.47			SPK & Tin
+50				1143.82		1134.69	9.13			"
+75				1143.93		1134.78	9.05			"
13+00				1144.66		1134.87	9.79			"
13+07.93				1144.99		1134.90	10.09			1x2 & Tin
13+09.93	M.H.			1145.10				1148.5	F-3.4	1x2 & Tin
13+11.93				1145.05		1134.91	10.14			"
+25				1145.52		1134.96	10.56			SPK. & Tin
+50				1146.35		1135.05	11.30			"
+75				1147.34		1135.14	12.20			"
14+00				1148.22	0.36%	1135.23	12.99			"
+25				1149.73		1135.32	14.41			"
+50				1150.53		1135.41	15.12			"
14+73.93	"Y" E'ly									
14+75				1150.60		1135.50	15.10			"
14+97.93	"Y" E'ly									
15+00				1149.93		1135.59	14.34			"
15+12.84				1149.63		1135.64	13.99			"
15+14.84	M.H.			1149.53				1147.6	C-1.9	CA-39 El. = 1156.402 Sta.
15+16.84				1149.30		1135.74	13.56			Stk & Tin Rt & E'ly
+25				1148.70		1135.77	12.93			
+50				1145.87		1135.85	10.02			
+75				1144.31		1135.93	8.38			
16+00				1144.63		1136.01	8.62			
+25				1144.57		1136.09	8.48			
+50				1143.62	0.32%	1136.17	7.45			
+75				1142.96		1136.25	6.71			
17+00				1140.93		1136.33	4.60			
+25				1138.31		1136.41	1.90			
+50				1138.17		1136.49	1.68			
+75				1138.39		1136.57	1.82			
18+00				1139.27		1136.65	2.62			
+25				1139.92		1136.73	3.19			
18+48.00				1140.60		1136.80	3.80			

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-17-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 277

STATION	B.S.	H.I.	F.S.	ELEV.	% Grade	Grade	Cut	M.H. Grd.	Cut or Fill to M.H.	
18+50.00	M.H.			1140.60				1143.9	F-3.3	Stk & T, 10 Rt. & E'ly
18+52.00				1140.78		1136.82	C-3.96			1x2 Tin
+75				1143.21		1136.89	6.32			"
19+00				1144.05		1136.97	7.08			"
+25				1142.96		1137.05	5.91			"
+50				1142.75		1137.13	5.62			"
+75				1142.73		1137.21	5.52			"
20+00				1143.58		1137.29	6.29			"
+25				1144.85	0.32%	1137.37	7.48			"
+50				1145.90		1137.45	8.45			"
+75				1146.27		1137.53	8.74			"
21+00				1147.10		1137.61	9.49			"
21+11.77	"Y" w'ly					37.65				
+25				1148.34		1137.69	10.65			"
+50				1147.49		1137.77	9.72			"
21+75.77				1147.51		1137.85	9.66			"
21+77.77	M.H.			1147.58				1150.0	F-2.4	BMCA 46 El.=1152.978 F.B. 4316-8
21+79.77				1149.38		1137.95	11.43			"
22+00				1152.20		1138.01	14.19			"
+25				1152.65		1138.09	14.56			"
+50				1152.87		1138.17	14.70			"
+75				1153.08	0.32%	1138.25	14.83			"
23+00				1153.28		1138.33	14.95			"
+25				1152.30		1138.41	13.89			"
+50				1152.69		1138.49	14.20			"
+75				1150.79		1138.57	12.22			"
23+79.81	"Y" S.w'ly									
23+97.81				1147.37		1138.64	8.73			"
23+99.81	M.H.			1147.12				1150.1	F-3.0	Spk & Tin
24+01.81				1146.94		1138.66	8.28			1x2 Tin
+25				1145.67		1138.73	6.94			"
+50				1145.26		1138.81	6.45			"
+75				1145.88		1138.89	6.99			"
25+00				1145.56		1138.97	6.59			"
+25				1145.64		1139.05	6.59			"
+50				1146.51		1139.13	7.38			"
+75				1148.76	0.32%	1139.21	9.55			"
26+00				1150.69		1139.29	11.40			"
+25				1151.84		1139.37	12.47			"

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 278

JOB NO. 3540.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 8-7-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	M.H. GRD	Cut or Fill Top M.H.	
26+50				1152.67	0.32%	1139.45	13.22			Stk & T, 10 Rt
+75				1152.96		1139.53	13.43			1x2 & Tin
27+00				1152.78		1139.61	13.17			"
+25				1152.53		1139.69	12.84			"
27+47.10				1152.94		1139.76	13.18			"
27+49.10	M.H.			1152.75		—	—	1153.8	F-1.0	BM CA.-41 El.=1158.281 F.B. 4316-9
27+51.10				1152.91		1139.86	13.05			1x2 & Tin
+75				1150.50		1139.94	10.56			"
28+00				1148.36		1140.02	8.34			"
+25				1146.91		1140.10	6.81			"
+50				1146.27		1140.18	6.09			"
+75				1146.29		1140.26	6.03			"
29+00				1146.21	0.32%	1140.34	5.87			"
+25				1146.51		1140.42	6.09			"
+50				1146.86		1140.50	6.36			"
+75				1147.47		1140.58	6.89			"
~~29+90±~~ 30+00	24" CMP			1147.86		1140.66	7.20			"
+25				1148.41		1140.74	7.67			"
30+35.59				1149.17		1140.77	8.40			SPK. & Tin
30+37.59	M.H.			1149.13		—	—	1149.9	F-0.8	BM CA. 42 El.=1173.851 F.B. 4316-9
30+39.59				1149.15		1140.79	8.36			SPK. & Tin
+50				1148.57		1140.82	7.75			"
30+60.59	"Y" w'ly			—		—				
+75				1150.19		1140.90	9.29			1x2 & Tin
31+00				1154.27		1140.98	13.29			"
+25				1156.50	0.32%	1141.06	15.44			"
+50				1157.43		1141.14	16.29			"
+75				1158.06		1141.22	16.84			"
32+00				1158.11		1141.30	16.81			"
+25				1158.50		1141.38	17.12			"
+50				1157.64		1141.46	16.18			"
32+71.09				1156.30		1141.53	14.77			"
32+73.09	M.H.			1156.10		—	—	1154.3	C-1.8	T.B.M. El.=1172.305 F.B. 4316-9 Cont.
32+75.09				1156.09		1141.80	14.29			
33+00.00	B.V.C & "Y" E'ly			1156.99		1142.00	14.99			See Pg 17
33+10.00				1158.14	Curve	1142.17	15.97			1x2 & Tin
33+20.00				1158.81		1142.53	16.28			"
33+30.00				1159.14		1143.08	16.06			"
33+40.00				1158.80	Vert.	1143.81	14.99			"

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 279

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 8-9-74

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	M.H. GRD	Cut or Fill to M.H.	
33+50.00				1158.87		1144.73	14.14			Stk & T, 15' Rt.
33+60.00	E.V.C.			1158.89		1145.84	13.05			"
+75				1159.28	+1.2%	1147.64	11.64			"
33+98.00				1161.57		1150.40	11.17			"
34+00.00	M.H.			1161.50				1160.7	C-0.8	"
TBM								TBM El. = 1172.305, F.B. 4315-9		
34+02.00				1161.62		1150.65	10.97	Cottonwood		"
+25				1162.07		1150.80	11.27			
+50				1162.80		1150.96	11.84			
34+59.0	4" E'ly									
+75				1162.97		1151.12	11.85			
35+00				1163.41		1151.28	12.13			
+25				1163.85		1151.44	12.41			
+50				1164.68		1151.60	13.08			
+75				1165.66	+4.64%	1151.76	13.90			
36+00				1166.60		1151.92	14.68			
+25				1166.92		1152.08	14.84			
+50				1167.21		1152.24	14.97			
+75				1167.50		1152.40	15.10			
37+00				1167.63		1152.56	15.07			
37+23.97				1167.93		1152.71	15.22			
37+25.97	M.H.			1167.95				1169.0	F-1.1	
37+27.97				1167.92		1152.81	15.11			
+50				1167.26		1152.95	14.31			
+75				1167.26		1153.11	14.15			
38+00				1166.90		1153.27	13.63			
+25				1166.38		1153.43	12.95			
+50				1165.61		1153.59	12.02			
+75				1164.92		1153.75	11.17			
39+00				1164.19		1153.91	10.28			
+25				1163.79	-0.4%	1154.07	9.72			
+50				1163.23		1154.23	9.00			
+75				1162.99		1154.39	8.60			
40+00				1162.12		1154.55	7.57			
+25				1161.50		1154.71	6.79			
+50				1161.57		1154.87	6.70			
~~40+69~~	4" E'ly									
40+73.97				1162.21		1155.02	C-7.19			
40+75.97 BC	M.H.			1162.22				1161.3	C-0.9	Stk & T, 14' Rt. & E'ly
40+77.97				1163.36		1155.34	C-8.02			

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 280

JOB NO. 5940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-30-74 NOTES CHKD.
INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	El. Top M.H.	Cut or Fill to M.H.	
41+00.00	BVC.			1166.37		1157.59	C-8.78.			Stk & Tin 10 Rt. & E'ly
+10				1167.69		1158.56	C-9.13.			" "
+20				1167.93		1159.44	C-8.49.			" "
+30				1168.80		1160.21	C-8.59.			" "
+40				1169.27		1160.89	C-8.38.			SPK. "
+50				1170.10		1161.47	C-8.63.			SPK. "
+60				1171.35		1161.96	C-9.39.			Stk "
+70				1172.61		1162.35	C-10.26.			SPK "
+80				1173.80		1162.64	C-11.16.			SPK. "
+90				1174.79		1162.83	C-11.96.			SPK. "
42+00.00	EVC			1175.78		1162.93	C-12.85.			SPK. "
42+24.00	"Y" S'ly									
+25				1178.38		1163.05	C-15.33.			Stk "
+50				1179.35		1163.17	C-16.18.			Stk "
+75				1179.13	0.48%	1163.29	C-15.84.			SPK. "
43+00				1179.27		1163.41	C-15.86.			SPK. "
43+08.00	"Y" E'ly			—		—	—	—	—	Stk "
43+11.37				1179.43		1163.46	C-15.97.			SPK. "
43+13.37	M.H.	AHD		1180.79				1180.4	C+0.4.	Stk "
43+15.37				1180.93		1163.56	C-17.37.			Stk "
BM CA-44								BM CA-44, El. = 1193.044, F.B. 4316-10		
								Gatehouse		
43+25				1180.43		1163.61	16.82			
+50				1180.08		1163.73	16.35			
+75				1179.87		1163.85	16.02			
44+00				1179.30		1163.97	15.33			
44+22.0	"Y" S'ly			—		—				
+25				1177.84		1164.09	13.75			
+50				1176.98		1164.21	12.77			
+75				1176.14	0.48%	1164.33	11.81			
45+00				1175.60		1164.45	11.15			
+25				1174.58		1164.57	10.01			
+50				1172.57		1164.69	7.88			
+75				1173.08		1164.81	8.27			
46+00				1174.59		1164.93	9.66			
+25				1175.22		1165.05	10.17			
46+30.56				1175.35		1165.07	10.28			
46+32.56	M.H.			1175.48		—	—	1179.2	F-37	
46+34.56				1175.43		1165.27	10.16			
46+39.0	"Y" W'ly			—		—				

Vert. Curve

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 281

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	M.H. Grade	Cut or Fill Top M.H.	
46+50				1175.43		1165.34	10.09			Stk & T, 16' Rt.
+75				1175.88		1165.46	10.42			
47+00				1176.02		1165.58	10.44			
+25				1176.02		1165.70	10.32			
+50				1176.27	0.48%	1165.82	10.45			
+75				1176.03		1165.94	10.09			
48+00				1175.29		1166.06	9.23			
+25				1175.01		1166.18	8.83			
+50				1174.64		1166.30	8.34			
48+66.0	"Y" E'ly									
48+76.96				1174.33		1166.43	7.90			
48+78.96	M.H.			1174.46				1174.18	C-0.28'	
48+80.96				1174.83		1166.53	8.30			
49+00						1166.75				
+25				1176.82		1167.04	9.78			
+50				1177.93		1167.33	10.60			
+75				1178.32		1167.62	10.70			
50+00				1178.63		1167.91	10.72			
+25				1178.95	1.16%	1168.20	10.75			
+50				1179.14		1168.49	10.65			
+75				1179.25		1168.78	10.47			
51+00				1179.55		1169.07	10.48			
51+06.0	"Y" E'ly									
+25				1179.80		1169.36	10.44			
+50				1179.61		1169.65	9.96			
51+57.95				1179.59		1169.74	9.85			
51+59.95	M.H.			1179.60				1179.5	C-0.1'	
51+61.95				1179.69		1169.84	9.85			
+75				1180.22		1169.94	10.28			
51+90.0	"Y" W'ly									
52+00				1180.20		1170.14	10.06			
+25				1180.98		1170.34	10.64			
+50				1181.04		1170.54	10.50			
+75				1180.24	0.98%	1170.74	9.50			
53+00				1179.77		1170.94	8.83			
+25				1179.72		1171.14	8.58			
+50				1179.67		1171.34	8.33			
+75				1179.38		1171.54	7.84			
53+96.00	"Y" E'ly									

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 282

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.

SURVEY BY DATE

NOTES BY DATE NOTES CHKD.

INDEXED DATE DATE

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	M.H. Grade	Cut or Fill Top M.H.	
54+00				1181 72		1171.74	9.98			Stk & T, 10' Rt
54+13.0	"Y" E'l									
+25				1181 30	0.80%	1171.94	9.36			
+50				1179 07		1172.14	6.93			
54+60.29				1178 66		1172.23	6.43			
54+62.29	M.H.			1178 65				1178.7	F-0.05	
54+64.29				1178 76		1172.33	6.43			
+75				1178 80		1172.51	6.29			
55+00				1178 90		1172.94	5.96			
55+15.00	"Y" E'l									
~~+25~~				1178 78		1173.37	5.41			
+50				1179 53	1.72%	1173.80	5.73			
+75				1182 71		1174.23	8.48			
56+00				1183 52		1174.66	8.86			
+25				1183 82		1175.09	8.73			
+50				1183 77		1175.52	8.25			
56+64.90				1183 53		1175.78	7.75			
56+66.90	M.H.			1183 48				1183.79	F-0.31	
56+68.90				1183 53		1175.98	7.55			
+75				1183 62		1176.08	7.54			
57+00				1184 16		1176.51	7.65			
+25				1184 74		1176.94	7.80			
+50				1185 08	1.72%	1177.37	7.71			
+75				1185 63		1177.80	7.83			
58+00	"Y" W'l			1186 27		1178.23	8.04			
+25				1186 84		1178.66	8.18			
+50				1187 25		1179.09	8.16			
58+73.00				1187 65		1179.49	8.16			
58+75.00	M.H.			1187 71				1187.90	F-0.19	
58+77.00				1187 69		1179.59	8.10			
58+00				1188 02		1179.99	8.03			
+25				1188 57		1180.42	8.15			
+50				1189 48		1180.85	8.63			
+75				1190 90		1181.28	9.62			
60+00				1190 20	1.72%	1181.71	8.49			
+25				1190 12		1182.14	7.98			
+50				1190 27		1182.57	7.70			

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940,02 SURVEY OF Castaic Afterbay

F.B. 4315 PG. 283

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	% Grade	Cut	M.H. Grade	Cut or Fill Top M.H.
60+74.49				1190.62	1182.99	7.63		
60+76.49	M.H.			1190.63			1191.2±	F-0.6
60+78.49	8" Stub.			1190.68	1183.09	7.59		
B.M. CA. 9				1192.68	BM. CA-9 1/4 Sec. Cor. El.=1192.633, F.B. 3857-61			
					N'ly 1/4 Sec. Cor. Sec. 24, A std. C.S. 1 Br. Cap Mon. Mkd.			
					T5N, R17W 1/4 Cor. Sec. 13 & 24, 6" Dn.			

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 284

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Afterbay

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-16-74

DATE _____ INDEXED _____ DATE _____

F.B. 4315 PG. 285

STATION	B.S.	H.I.	F.S.	ELEV.

J.N. 9940.02

CASTAIC LAKE AFTERBAY

Sewer Grades

Plan Sht. 26 & 27

from: 10+46.96 N'ly = 1+00 West.

to: 16+66.21 N'ly (@ administration Building)

Stakes set 10' Rt. & N'ly (1+00 to 6+60)

" " " " & E'ly (6+60 to 16+66.21)

Burkholder
Beasley
Boxeth
Wensel
Dragovich

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 286

JOB NO. 9940.02 SURVEY OF Castaic Afterbay NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7-16-74 NOTES CHKD.
INDEXED DATE DATE

5533

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut to Invert	M.H. Grade	Cut or Fill to M.H.	
0+46.96 N'ly = 1+00 W'ly						—	—	1143.9		Stk & Tin 10' Rt. & N'ly
1+02.00				1143 27		1134.31	8.96			SPK & Tin
1+04.00				1143 51		34.56	8.95			"
+25				1147 52	12.64%	37.21	10.31			1x2 & Tin
+50				1152 29		40.37	11.82			SPK & Tin
+75				1151 43		43.53	7.90			1x2 & Tin
1+87.62 BM 1159.05				1151 52		1145.76 1145.13	6.39 ~~5.39~~			"
1+89.62				1151 04		—	—	1148.91	C-2.13	
1+91.62						1146.00 1145.46				

Restake from 1+32.62 to 1+89.62 (M.H. @ 1+89.62 Lowered by Architect to get sufficient cover)

BM CA 38 — BM CA-38, El = 1159.050, F.B. 4316-7

					%	Grade	Cut to Invert	M.H. Grade	Cut or Fill to M.H.	
1+37.00	BVC. Exist. @ Bell			1150 04		1138.73	11.31			1x2 & Tin
1+47.				1151 94	Vert. curve	1139.35	12.59			SPK & Tin
1+57				1153 29		1140.31	12.98			1x2 & Tin
1+67	E.V.C.			1153 60		1141.62	11.98			1x2 & Tin
1+75				1151 42	6.66	1142.15	9.27			SPK & Tin
1+87.62				1151 53		1143.00	8.53			SPK & Tin
1+89.62	M.H. & B.C.			1151 04		—	—	1148.91	C-2.13	
1+91.62				1151 40		1143.27	8.13			1x2 & Tin
2+00.00				1151 71		1143.59	8.12			"
+12.5				1152 11		1144.07	8.04			"
+25				1152 70		1144.55	8.15			"
+37.5				1153 01		1145.03	7.98			"
+50				1154 08		1145.51	8.57			"
+62.5				1154 82		1145.99	8.83			"
+75				1155 42	3.84%	1146.47	8.95			"
+87.5				1156 01		1146.95	9.06			"
3+00				1156 43		1147.43	9.00			"
+12.5				1156 78		1147.91	8.87			"
+25				1157 11		1148.39	8.72			"
3+37.67	EC.			1157 58		1148.88	8.70			"
+50				1157 86		1149.35	8.51			"
+75				1158 40		1150.31	8.09			"

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940,02 SUBJECT Castaic Lake Afterbay F.B. 4315 PG. 287

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE _____

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grd.	Cut	MH Grade	Cut or Fill to MH	
4+00				1159 15		1152 27	7.88			STK. & Tin 10' Rt.
+25				1159 93	3.84%	1152 23	7.70			"
+50				1161 15		1153 19	7.96			"
4+77.61	outlet			1164 17		1154 26	9.91			"
4+79.61 Bk. = 4+49.42 Ahd. M.H.								1161.44		
4+51.42	Inlet			1164 35		1154.40	9.95			"
4+62.5				1165 61		1154 84	10.77			"
4+75				1166 65		1155 34	11.31			SPK. & Tin
4+87.5				1167 66		1155.84	11.82			STK. & Tin
5+00				1168 47		1156 34	12.13			SPK. & Tin
5+12.5				1168 93	4.00%	1156 84	12.09			"
5+25				1169 21		1157.34	11.87			"
5+37.5				1169 38		1157 84	11.54			STK. & Tin
5+41.54	EC. Sewer			1169 07		1158 01	11.06			"
5+50				1168 98		1158 35	10.63			"
5+75				1169 30		1159.35	9.95			"
6+00				1168 42		1160.35	8.07			"
6+25				1167 53		1161.35	6.18			"
6+28.77				1167 51		1161.51	6.00			"
6+30.77	BK ℄ M.H. = 0+97.93 North							1168.41		
0+99.93	Inlet			1167 52		1161.76	5.76		F 0.89	"
1+01.93				1167 63		1161.82	5.81			"
1+25				1168 92		1162 55	6.37			"
+50				1170 35		1163 34	7.01			"
+75				1172 48		1164 14	8.34			"
2+00				1173 61	3.168%	1164 93	8.68			"
+25				1175 23		1165 72	9.51			"
+50				1176 24		1166.51	9.73			"
+75				1176 55		1167.30	9.25			"
3+00				1176 64		1168 10	8.54			"
+25				1176 33		1168 89	7.44			"
+50				1177 31		1169 68	7.63			"
3+73.28				1178 06		1170 42	7.64		C-0.35	SPK. & Tin
3+75.28	℄ M.H. BK 3+76 AHD							1177.71		
TBM CA1 #1				1165 51						

CA 1 Elev 1165.51 Prop Cor.
old Ridge Rte. Road 952± North of its
Int. with Lake Hughes Rd 50' E of ℄
1" IP Wood Plug & Nail

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 288

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	TOP M.H. Grade	
									STK & TIN 10' RT. & E'LY
3+76.00	℄ M.H.								
3+78	Inlet			1178.19		1170.58	7.61		SPK & TIN
3+92	"Y" E'LY								
4+00				1179.36		1171.66	7.70		"
4+25				1180.25		1172.89	7.36		1x2 NAIL
4+50				1181.49		1174.12	7.37		
4+75				1182.44		1175.35	7.09		1x2 NAIL
5+00				1183.59		1176.58	7.01		1x2 NAIL
5+25				1184.86		1177.81	7.05		" "
5+47.31	B.C. Sewer			1185.96		1178.91	7.05		" "
5+50				1186.04		1179.04	7.00		" "
+62.5				1187.14	1%	1179.66	7.48		" "
+75				1187.55	4.92	1180.27	7.28		" "
+87.5				1188.36		1180.89	7.47		
6+00				1189.06		1181.50	7.56		1x2 STAKE
+12.5				1189.88		1182.12	7.76		"
+25				1190.57		1182.73	7.84		"
+37.5				1191.23		1183.35	7.88		"
+50				1191.96		1183.96	8.00		"
+62.5				1192.63		1184.58	8.05		"
+75				1193.52		1185.19	8.33		"
6+87.58	EC sewer			1193.98		1185.81	8.17		"
7+00				1194.83		1186.42	8.41		"
7+24	outlet			1196.02		1187.60	8.42		SPK. & TIN
7+26	℄ M.H.			1196.08			2.48	1194.60	Cut 1.48 "
7+28	Inlet			1196.22		1187.81	8.41		1x2 STAKE
+50				1197.39		1188.99	8.40		"
+75				1198.40		1190.33	8.07		"
8+00				1199.85		1191.67	8.18		"
+25				1201.50		1193.01	8.49		"
+50				1202.98	1%	1194.35	8.63		"
+75				1204.68	5.36	1195.69	8.99		"
9+00				1206.16		1197.03	9.13		"
9+25				1207.59		1198.37	9.22		"
+50				1209.25		1199.71	9.54		"
+75				1210.71		1201.05	9.66		"
10+00				1212.39		1202.39	10.00		"
+25				1213.47		1203.73	9.74		"

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay | F.B. 4315 PG. 289

DATE _____ SURVEY BY Beasley

NOTES CHKD. _____ NOTES BY _____ DATE Aug. 30-1974

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	TOP MH Grade	Cut or Fill TO TOP MH	STK. & TIN (Q) R E'LY
					5.96%					
10+50				121433		1205.07	9.26			1x2 Tin
10+74	outlet			121479		1206.36	8.43			"
10+76	℄ MH			121475		—		1215.07	F-0.32	SPK. & Tin
10+78	Inlet			121477		1206.48	8.29			1x2 & Tin
11+00				121527		1206.61	8.66			"
+25				121541		1206.76	8.65			"
+50				121541		1206.91	8.50			SPK. & Tin
+75				121553		1207.06	8.47			"
12+00				121546	0.60%	1207.21	8.25			"
+25				121590		1207.36	8.54			1x2 Tin
+50				121634		1207.51	8.83			"
12+73	outlet			121647		1207.65	8.82			"
12+75	℄ M.H.			121658				1216.80	F-0.22	"
12+77	Inlet			121658		1207.75	8.83			1x2 N & Tin
13+00				121722		1207.89	9.33			"
+25				121798		1208.04	9.94			"
+50				121843		1208.19	10.24			"
+75				121880		1208.34	10.46			"
14+00				121939		1208.49	10.90			"
+25				122002		1208.64	11.38			"
14+36.94	outlet			122002		1208.70	11.32			"
14+38.94	℄ MH			121989				1219.85	C-0.04	SPK. & Tin
14+40.94	Inlet			122001		1208.84	11.17			STK. & Tin
+50				122057		1209.23	11.34			"
+75				122140		1210.22	11.18			"
15+00				122165		1211.21	10.44			SPK & Tin
+25				122242		1212.20	10.22			STK. & Tin
+50				122315	3.96%	1213.19	9.96			"
+75				122385		1214.18	9.67			"
16+00				122422		1215.17	9.05			"
+25				122424		1216.16	8.08			"
16+50				122390		1217.15	6.75			"
							RT			16+55 ℄ RT
16+64.91	outlet			122414		1217.71	6.43			"
16+66.91	℄ M.H.			122414				1224.48	F-0.34	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 290

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	TOP MH Grade	CUT or FILL	
1+00 west	℄ MH = 14+36.94 North									
1+02				1220 23		1208.94	11.29 ✓			
+25				1220 57		1209.12	11.45 ✓			
+50				1221 10		1209.32	11.78 ✓			SPK & Nail
+75				1220 77		1209.52	11.25 ✓			
2+00				1220 67		1209.72	10.95 ✓			
+25				1221 42		1209.92	11.50 ✓			
+50				1220 52		1210.12	10.40 ✓			[illegible]
+75				1219 67		1210.32	9.35 ✓			"
3+00				1218 59		1210.52	8.07 ✓			
+25				1217 91		1210.72	7.19 ✓			spike & washer
+50				1217 42		1210.92	6.50 ✓			SPK & Nail
+75				1219 28		1211.12	8.16 ✓			
3+94	"Y" Lt.						"Y" Lt.			set
3+98	outlet			1220 79		1211.31	9.48 ✓			[illegible]
4+00	℄ MH			1220 35				1220.20	C-0.15 ✓	SPK & Nail
BM CA #4				1212.317						Co. Eng. Mon. See FB 4316 Pg 10

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF Castaic Lake Afterbay

F.B. 4315 PG. 291

DATE _____ SURVEY BY T

NOTES CHKD. _____ NOTES BY P.L.B. DATE Sept 6, 1974

DATE _____ INDEXED _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	Grade TOP MH	Cut or Fill	Sta's 10's Left
BM CA #45				1232.26						
1+00	℄ MH									
1+02	OUTLET					1206.68				
+25				1215.53		1208.00	7.53			1 × 2
+50				1218.80		1209.43	9.37			1 × 2
+75				1222.10		1210.86	11.24			1 × 2
2+00				1222.25		1212.29	9.96			[illegible]
+25				1222.36	5.720	1213.72	8.64			[illegible]
+50				1223.55		1215.15	8.40			1 × 2
+75				1224.57		1216.58	7.99			[illegible]
2+91	"Y" N.ELY									
2+99.72	outlet			1225.68		1217.99	7.69	1225.0	C-0.68	1 × 2
3+01.72	℄ MH									
3+03.72	Inlet			1226.29		1218.22	8.07			[illegible]
+25				1228.04		1218.43	9.61			1 × 2
+50				1226.19		1218.68	7.51			1 × 2
+75				1225.63		1218.93	6.70			[illegible]
4+00				1225.58		1219.18	6.40			[illegible]
+25				1225.79		1219.43	6.36			[illegible]
+50				1226.09		1219.68	6.41			[illegible]
+75				1226.22	5.007%	1219.93	6.29			[illegible]
5+00				1226.66		1220.18	6.48			[illegible]
+25				1227.81		1220.43	7.38			1 × 2
+50				1227.30		1220.68	6.62			1 × 2
+75				1227.42		1220.93	6.49			[illegible]
6+00				1227.41		1221.18	6.23			[illegible]
6+04	"Y" E.Ly.									
6+15.72	outlet			1228.09		1221.34	6.75			
6+17.72	℄ MH			1228.45				1228.3	C-0.1	

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 292

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF CASTAIC LAKE

F.B. 4315 PG. 293

DATE _____ SURVEY BY M.R. NEVAREZ

NOTES CHKD. _____ NOTES BY M.R.N - R.M.C. DATE 9-30-74

DATE _____ INDEXED _____ DATE _____

SEWER LATERAL FROM MAIN LINE TO 3 PICNIC AREAS S.E. OF ADMIN. BLDG (SHEETS 26)

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE	CUT	OFF	
2+91 M.L. = 0+00						1217.49			CONNECT 4" LAT
+10				1224.09		1217.81	6.28	10' R	
+35				1229.40		1218.61	10.79	10' R	
+60				1230.59		1219.42	11.17	10' R	
0+70				1230.20		1219.74	10.46	10' R	CLEAN OUT
+95				1229.61	3.21	1220.54	9.07	10' R	
1+20				1229.96		1221.34	8.62	10' R	
+39.5				1229.95		1221.97	7.98	10' R	"Y" N'LY
+44.5				1229.93		1222.13	7.80	10' R	"Y" S'LY
+49.5				1229.97		1222.29	7.68	10' R	CLEAN OUT
1+39.5 = 0+00 N'LY						1221.97			
+20				1229.88		1222.61	7.27	10' R	
+40				1229.94		1223.26	6.68	10' R	"Y" D.F.
+65				1230.07		1224.06	6.01	10' R	CLEAN OUT
+90				1230.82	3.21	1224.86	5.96	10' R	
1+15				1230.98		1225.67	5.31	10' R	
+34				1230.93		1226.28	4.65	10' R	"Y" D.F.
+40				1230.97		1226.47	4.50	10' R	CLEAN OUT
1+44.5 = 0+00 S'LY						1222.13			
+25				1229.86		1222.82	7.04	10' L	
+50				1229.77		1223.51	6.26	10' L	
+70				1229.91	2.75	1224.06	5.85	10' L	"Y"
+80				1229.86		1224.33	5.53	10' L	"Y" D.F.
+86				1229.80		1224.50	5.30	10' L	CLEAN OUT

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4315 PG. 294

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE NOTES RED.
SURVEY BY M.R. NEVAREZ DATE
NOTES BY M.R.N - R.M.C. DATE 10-1-74 NOTES CHKD.
INDEXED DATE DATE

SEWER LATERAL FROM MAIN LINE
TO COMFORT STA #6 & 3
PICNIC AREAS (SHEET 27)

STATION	B.S.	H.I.	F.S.	ELEV.	% GRADE		CUT	OFF	
0+00						1171.27			CONNECT 4" LAT
+25				1180.38		1172.56	7.82	10'L	
+50				1182.56		1173.86	8.70		
+72				1183.84		1175.00	8.84		CLEAN OUT
1+00				1185.49	5.181	1176.45	9.04		
+25				1185.75		1177.75	8.00		
+49.5				1186.23		1179.01	7.22		"Y" S'LY
+60				1186.80		1179.55	7.25		CLEAN OUT
+75				1189.54	12.732%	1181.39	8.15		
2+00				1194.08		1184.46	9.62		
+25				1196.97		1187.53	9.44		
+37				1199.03		1189.00	10.03	10'L	CLEAN OUT
+50				1199.57		1189.72	9.85	10'R	
+75				1199.43	5.752	1191.12	8.31		
3+00				1199.64		1192.51	7.13		
+25				1200.54		1193.91	6.63		CLEAN OUT
+50				1199.67		1195.30	4.37		
+75				1203.10		1195.99	7.11		
4+00				1205.81		1196.69	9.12		
4+05.8				1205.88		1196.85	9.03		"Y" N'LY
4+25				1205.74	0.781%	1197.39	8.35		CLEAN OUT
4+51.5				1205.77		1198.12	7.65		"Y" D.F.
4+61.8				1205.68		1198.41	7.27		"Y" S'LY
4+67				1205.65		1198.55	7.10		"Y" N'LY
4+72				1205.68		1198.69	6.99	10'R	CLEAN OUT
1+49.5 = 0+00 S'LY						1179.01			
0+16				1186.05	5.181	1179.84	6.21	10'L	"Y"
0+18				1186.29		1180.00	6.29	10'L	CLEAN OUT

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

NOTES REQ.
DATE
NOTES CHKD.
DATE

JOB NO. 9940.02 SURVEY OF CASTAIC LAKE
SURVEY BY R. M. COCKERHAM
NOTES BY R. M. C DATE 9-2-74
INDEXED DATE

F.B. 4315 PG. 295

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE	CUT	OFF	
									SEWER LATERALS FROM MAIN LINE TO COMFORT STA # 6 & 3 (CONT'D) PICNIC AREAS (SHEET 27)
4+67									
0+00						1198.55			
0+25				1205.66		1199.25	6.41	10' R	
+50				1205.57	2.7812	1199.94	5.63		
+63				1205.54		1200.31	5.23		"Y" DF
+70				1205.41		1200.50	4.91		CLEAN OUT
4+058									
0+00						1196.85			
0+15				1205.25		1197.76	7.49	10' L	
+29.8				1204.92	6.2833	1198.66	6.26		"Y" E'ly
+57				1205.38		1200.32	5.06		"Y" D.F.
+60				1205.38		1200.50	4.88		CLEAN OUT
									SEWER LATERALS FROM MAIN LINE TO COMFORT STA. # 8 PICNIC AREAS (SHEET 22)
					%	GRADE	CUT	OFF	
14+73.93									
0+00						1135.67			
0+15				1146.91		1138.27	8.64		"Y" DF
+32.5				1146.96	17.3428	1141.31	5.65		"Y" SW'ly
+36.5				1147.03		1142.00	5.03		CLEAN OUT
4+97.93									
0+00						1135.59			
0+69				1146.91		1137.79	9.12		CLEAN OUT
+82.5				1145.78		1138.22	7.56		"Y" N'ly
+96.8				1144.95	3.1933	1138.68	6.27		X PT
+99.8				1144.80		1138.78	6.02		"Y" DF
1+34.1				1144.70		1139.87	4.83		"Y" S'ly
1+38.1				1144.66		1140.00	4.66		CLEAN OUT
0+82.5									
0+00						1138.24			
+24				1146.03	2.166	1141.35	4.68		"Y" E'ly
+29				1146.05		1142.00	4.08		CLEAN OUT